TRANSPORTATION PLANNING

Central Business District Cordon Report 2000

MONITORING

THE CITY OF Edmonton TRANSPORTATION AND STREETS

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2000 Central Business District

Cordon Summary

For Review

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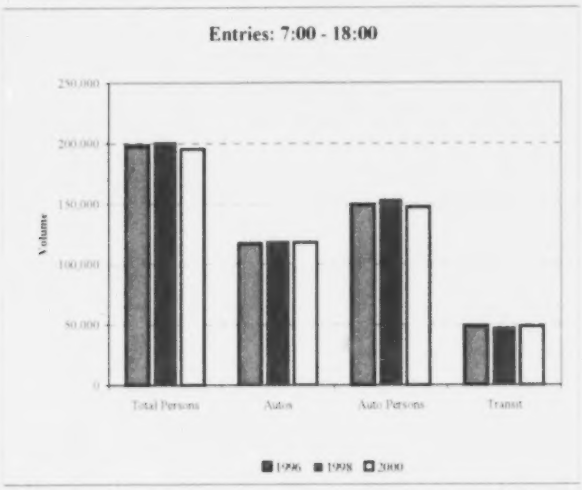
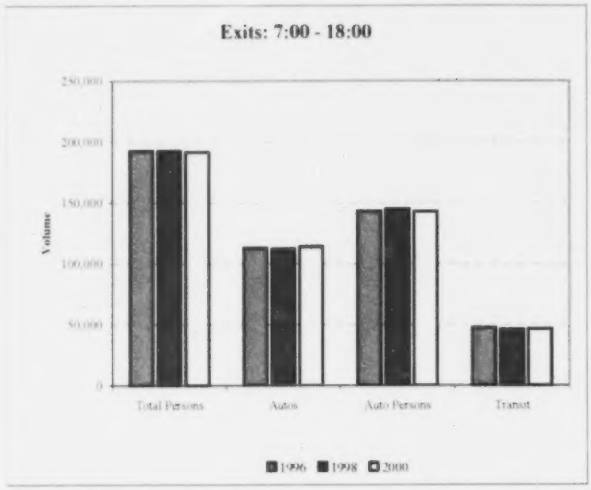
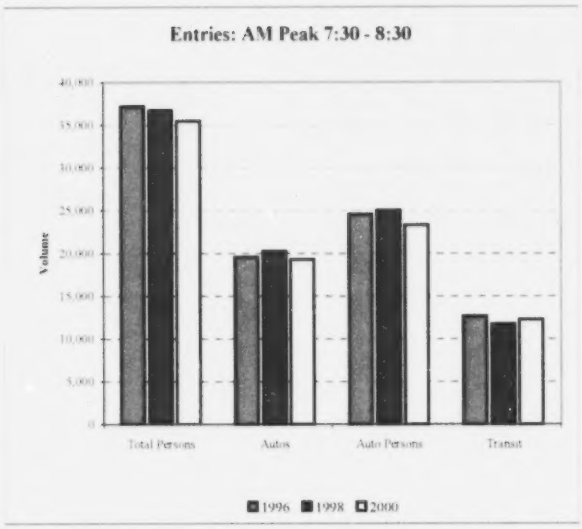
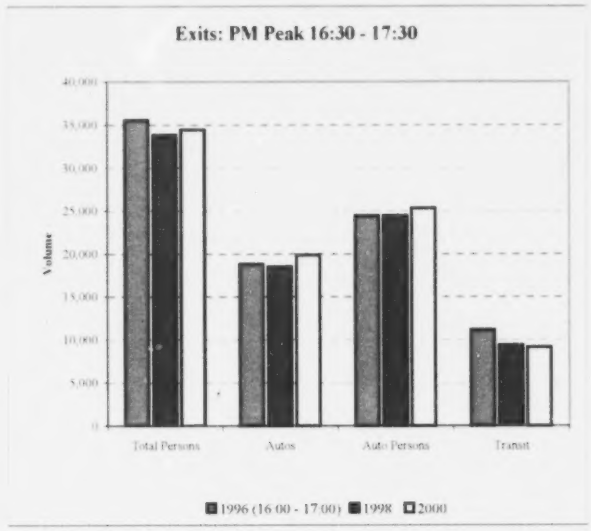
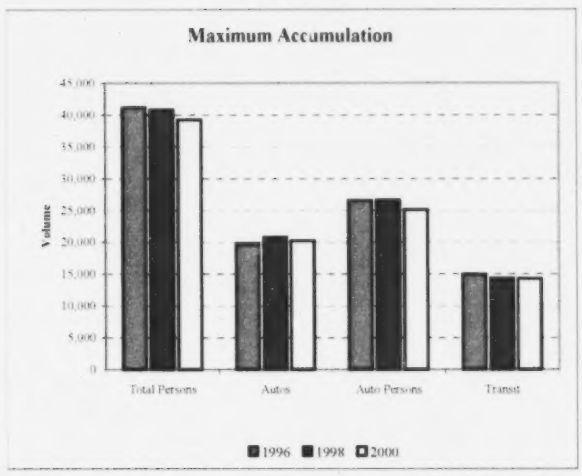
Highlights

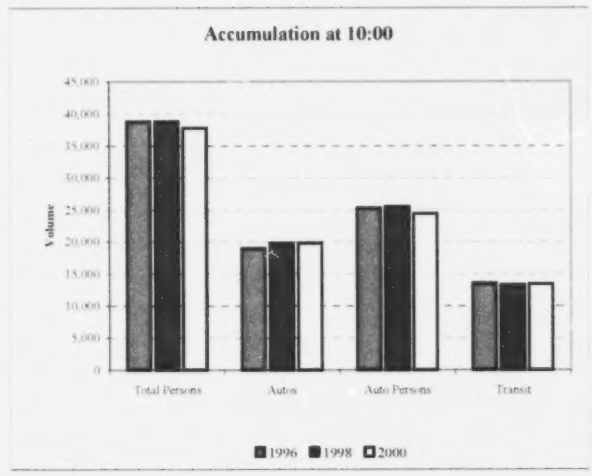












Central Business District Cordon: 2000 Comparison to 1996 and 1998

The Central Business District Cordon survey is conducted approximately every two years for the boundaries shown in Figure 1 and Figure 2. In general, there are fewer people within the Central Business District cordon: Auto Persons decreased while Transit Passengers increased.

Total Daily Movements:

- A significant decrease in combined daily entries / exits for Auto Persons (-8,000; -3%) lead to a decrease in Total Daily Movements (-7,000; -2%).
- Combined entries / exits for Autos remained unchanged from 1998 but increased slightly from 1996 (+1,600; +1%).
- Transit Passengers increased from 1998 (+1,100; +1%) but are below 1996 levels (-1,392; -1.4%).
- The share of Auto Persons for 2000 is equivalent to 1996 (75%) but down from 1998 (76%).

Peak Hour Movements:

- In the AM Peak Hour Total Person entries decreased (-5,800; -3%) while PM Peak exits remained relatively stable in comparison to 1998 and 1996 (between 25,300 and 24,400).
- AM Peak Entries for Auto Persons decreased significantly (-1,800; -7%) while PM Peak Exits increased slightly (+900, +4%).
- Autos showed similar patterns: decreases in Auto Peak entries (-900; -5%) and increases in the PM Peak exits (+1,325; +7%).
- Transit has the reverse pattern: an increase in AM Peak entries (+500; 4%) and a decrease in PM Peak Exits (-250, -3%).
- In the AM Peak Hour the share of Auto Persons decreased from 66% from 68% in 1998. However, for the PM Peak Hour the share has increased steadily from 69% (1996) to 74% (2000).
- Auto Occupancy decreased for both the AM and PM Peak. Bus occupancy increased in the AM Peak but decreased on the PM Peak in comparison to 1998 and 1996. LRT occupancy (per train) increased in the PM Peak and remained stable in the AM Peak.

Methodology:

Auto, Truck and Other Bus data were collected between March 6 and March 15, 2000 from 07:00 to 18:00 hours. LRT data were collected in September 1999. Transit bus data were derived from data collected on February 9, 1999. Although variations do exist in the timing of the data collection by mode, comparisons will be acceptable. Fuel prices did increase during the survey period, however the short run elasticity for fuel (0.12^{1}) indicates that the survey conclusions will not be impacted.

This survey is most useful for general observations of CBD activity and trends. As the changes measured become smaller or the data disaggregated the significance of the reported information decreases. The survey methodology and its limitations are outlined in Appendix A.

Changes: 1996 – 1998 – 2000

The only significant physical change within the CBD boundaries that affected traffic / transit movements or accumulations was the conversion of the one-way system for 102 Avenue / 102A Avenue. Although the established boundaries were not changed there is evidence that Auto Persons are skirting the CBD boundaries. When using the data for comparisons, the limitations of the survey procedures should be reviewed to determine whether the changes identified are significant.

				1996 to 2000		1998 to 2000	
	1996	1998	2000	Change	% Change	Change	% Change
Total Persons							
Daily Entries / Exits	388,523	391,796	384,756	+3,767	+1.0%	-7,040	-1.8%
Daily Entries	198,203	201,257	195,485	-2,718	-1.4%	-5,772	-2.9%
Daily Exits	192,514	192,566	191,724	-790	-0.4%	-842	-0.4%
Maximum Accumulation	41,169	40,852	39,214	-1,955	-4.7%	-1,638	-4.0%
Accumulation at 10:00	38,760	38,774	37,771	-989	-2.6%	-973	-2.5%
AM Peak Entries	37,182	36,728	35,492	-1,690	-4.5%	-1,236	-3.4%
PM Peak Exits	35,548	33,810	34,431	-1,117	-3.1%	+621	+1.8%
Decreased Daily movements combined with decreases in maximum accumulation indicate fewer persons in the CBD.							
Autos							
Daily Entries / Exits	230,108	231,480	231,757	+1,649	+0.7%	+277	+0.1%
Daily Entries	117,179	119,739	117,936	+757	+0.6%	-1,443	-1.2%
Daily Exits	112,929	112,101	113,821	+892	+0.8%	+1,720	+1.5%
Maximum Accumulation	19,761	20,733	20,235	+474	+2.4%	-498	-2.4%
Accumulation at 10:00	18,957	19,782	19,795	+838	+4.4%	+13	+0.1%
AM Peak Entries	19,572	20,209	19,283	-289	-1.5%	-926	-4.6%
PM Peak Exits	18,810	18,505	19,830	+1,020	+5.4%	+1,325	+7.2%
Occupancy Daily	1.27	1.29	1.25				
Occupancy AM Peak Entries	1.26	1.24	1.21				
Occupancy PM Peak Exits	1.30	1.32	1.28				
Decreased Entries for Daily and AM Peak with increased Exits for Daily and PM Peak suggest that alternate travel patterns skirting the CBD are occurring for some through trips. A stable Maximum Accumulation indicates the same number of autos within the boundaries or longer through trips.							

Central Business District Cordon: 2000 Comparison to 1996 and 1998

	1996	1998	2000	1996 to 2000 Change	1996 to 2000 % Change	1998 to 2000 Change	1998 to 2000 % Change
Auto Persons							
Daily Entries / Exits	292,400	298,168	290,025	-2,375	-0.8%	-8,143	-2.7%
Daily Entries	149,411	153,410	147,101	-2,310	-1.5%	-6,309	-4.1%
Daily Exits	142,989	144,758	142,924	-65	0.0%	-1,834	-1.3%
Maximum Accumulation	26,556	26,620	25,101	-1,455	-5.5%	-1,519	-5.7%
Accumulation at 10:00	25,242	25,469	24,371	-871	-3.5%	-1,098	-4.3%
AM Peak Entries	24,568	25,018	23,264	-1,304	-5.3%	-1,754	-7.0%
PM Peak Exits	24,420	24,439	25,306	+886	+3.6%	+867	+3.5%
Mode Split –Daily	75.3%	76.1%	75.4%				
Mode Split – AM Peak Entries	66.1%	68.1%	65.5%				
Mode Split – PM Peak Exits	68.7%	72.3%	73.5%				
Decreases in accumulation and entries - exits indicate fewer Auto Persons in the CBD. The increase in PM Exits coupled with the decrease in Accumulation indicates an increase in through trips or trips of shorter duration.							
Transit Passengers							
Daily Entries / Exits	96,123	93,628	94,731	-1,392	-1.4%	+1,103	+1.2%
Daily Entries	48,792	47,847	48,384	-408	-0.8%	+537	+1.1%
Daily Exits	47,331	45,781	46,347	-984	-2.1%	+566	+1.2%
Maximum Accumulation	14,926	14,325	14,235	-691	-4.6%	-90	-0.6%
Accumulation at 10:00	13,518	13,275	13,400	-118	-0.9%	+125	+0.9%
AM Peak Entries	12,614	11,710	12,228	-386	-3.1%	+518	4.4%
PM Peak Exits	11,128	9,371	9,125	-2,003	-18.0%	-246	-2.6%
Mode Split –Daily	24.7%	23.9%	24.6%				
Mode Split – AM Peak Entries	33.9%	31.9%	34.5%				
Mode Split – PM Peak Exits	31.3%	27.7%	26.5%				
Occupancy – Bus							
Daily	21.5	24.1	23.1				
AM Peak Entries	33.9	33.1	35.3				
PM Peak Exits	31.5	29.2	29.7				
Occupancy – LRT							
Daily	77.5	77.5	84.2				
AM Peak Entries	120.9	112.9	112.4				
PM Peak Exits	138.8	140.5	147.7				
Higher AM Peak transit entries combined with higher accumulations for transit indicates increased use for work trips. The decrease in total daily movements indicates lower midday ridership.							

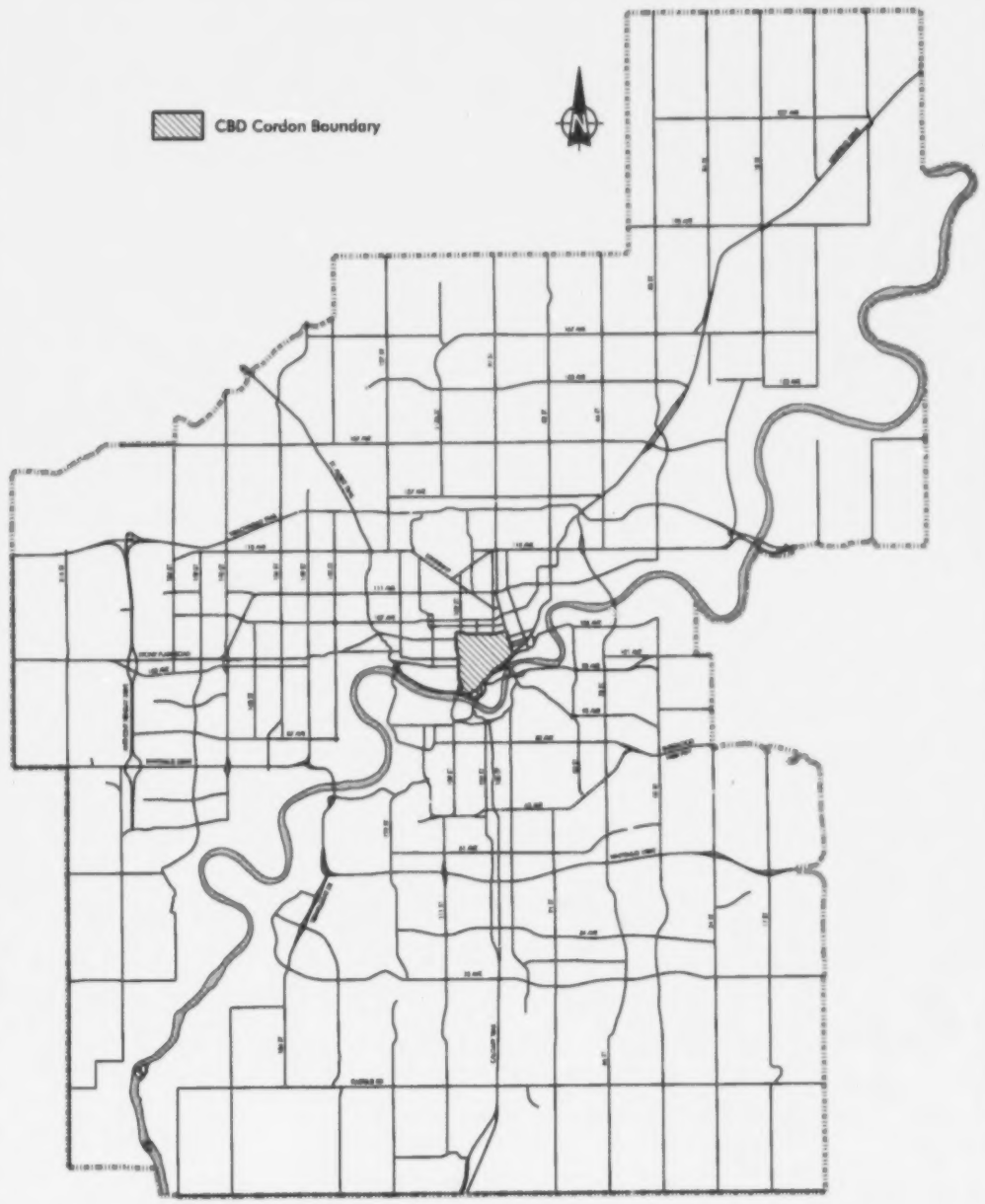


Figure 1: City of Edmonton - CBD Cordon Boundary

THE CITY OF Edmonton TRANSPORTATION AND STREETS

Survey Conditions

There were no survey or weather related problems during the survey time period. The Auto Persons numbers were adjusted to reflect the number of vehicles where the view of the passengers was obscured. As this adjustment accounted for only 0.2% of the Auto Persons there is no impact on the results reported.

In the 4-year period (1996 – 2000) covered by this summary there were transit and roadway network changes that may influence the results:

- June 1997 – Edmonton Transit restructured the transit network. The primary focus of this restructuring was to reduce transfers for passengers and to improve schedule reliability. There was a reduction in the number of buses accessing the Central Business District; no urban areas lost direct service to the CBD.

- August 1998 – The conversion of the one-way 102 Avenue / 102A Avenue to two-way changed the circulation patterns within the CBD. Summaries indicate that people may be skirting the CBD rather than making through trips.

- July 1999 – Removal of the 101 Street underpass would have no impact on the boundaries although accessibility to the CBD was improved.

Data Collection

Auto, Truck, and Other Bus data were collected between March 6 and March 15, 2000 from 07:00 to 18:00 hours. LRT data were collected in September 1999. The Transit bus data were derived from data collected on February 9, 2000. Although variations do exist in the timing of the data collection by mode, comparisons will be acceptable. Changes identified in this document may actually be greater or smaller than reported. The greatest error would be introduced when using less aggregated data (such as half-hour intervals) for comparisons. Comparisons of 2000 Transit data to 1998 and 1996 Transit data will be valid as the data are derived from equivalent levels of service (both post-secondary and school in session).

As this summary is intended to give a general indication of trends these inconsistencies have a minor impact on the conclusions drawn. On the basis of the limitations described above, this survey is most useful in general observations of CBD activity and trends. The significance of the reported information decreases as the changes measured become smaller or the data are disaggregated.

Summary

Entries and exits indicate the number of trips to or from the CBD while the maximum accumulation shows how many people are remaining within the CBD boundary. By assessing the relationship between these two variables we can theorize about activity within the CBD. An increase in entries and exits with no change or minimal change in accumulation would indicate more through trips or trips of shorter duration. An increase in maximum accumulation and an increase in entries / exits would indicate that more people are attracted to the CBD. Conversely, a decrease in accumulation and entries / exits would imply fewer people in the CBD. These two indicators are influenced by variables such as economic climate, availability of employment, shopping and services or changes in parking.

The accumulation (Figures 3 to 5) shows similar patterns for all reporting periods (1996 to 2000) and all modes (Auto Persons, Transit Passengers, Autos). The accumulation peaks between 11:00 and 14:00 hours with a noticeable decrease between 12:00 and 12:30. This decrease is especially evident for Auto Persons and Autos as it is difficult to use Transit leaving the CBD for short duration trips. Accumulation at 10:00 shows little change indicating that there is very little change in the number of work trips to the CBD. The Transit Passenger Accumulation shows a decrease in accumulation 1996 to 2000.

The time of day distribution for Auto / Transit trips is displayed in Figures 6 through 11. The entries / exit pattern is similar for all modes and all reporting periods. Entries peak in the AM from 07:30 to 08:30; exits peak from 16:30 to 17:30. Increased entries / exits are noticeable in the midday as people leave the CBD cordon. Again, this is most apparent for Auto Persons and Autos as can be seen from Figure 7 and Figure 8. Transit tends to have sharper peaks than Autos or Auto Persons although the time of day distributions are similar for all modes. The decreases in Total Persons, Auto Persons, and Transit Passengers can be seen from the graphs.

Table 4 presents the mode split for Auto and Transit trips. Daily transit trips have a 24.8% share of the market, up from 23.8% in 1998. During the AM and PM peak hours, Transit captures a 29% share of the Total Person trips. The PM Peak hour (26.5%) is lower than the AM Peak (34.5%) indicating that transit passengers may be switching to Autos for the home trip. This is supported by the increase in auto occupancy in the PM peak. The share for Transit may be higher than reported here due to changes in mode related to increased gas prices in March.

Decreases in the maximum accumulation combined with decreases in Total Persons imply that fewer people are making trips to the downtown. Auto Persons showed significant decreases while Autos remained stable indicating that the decreases are related to Auto Persons. This is confirmed by the decrease in Auto Occupancy. All time periods are affected by the decreases in Auto Persons. Transit Passengers showed a meaningful increase in entries / xits. Both Transit Passenger accumulation at 10:00 and AM Peak Entries increased slightly indication an increase in Transit use for work trips.

Figure 3: Total Persons Accumulation

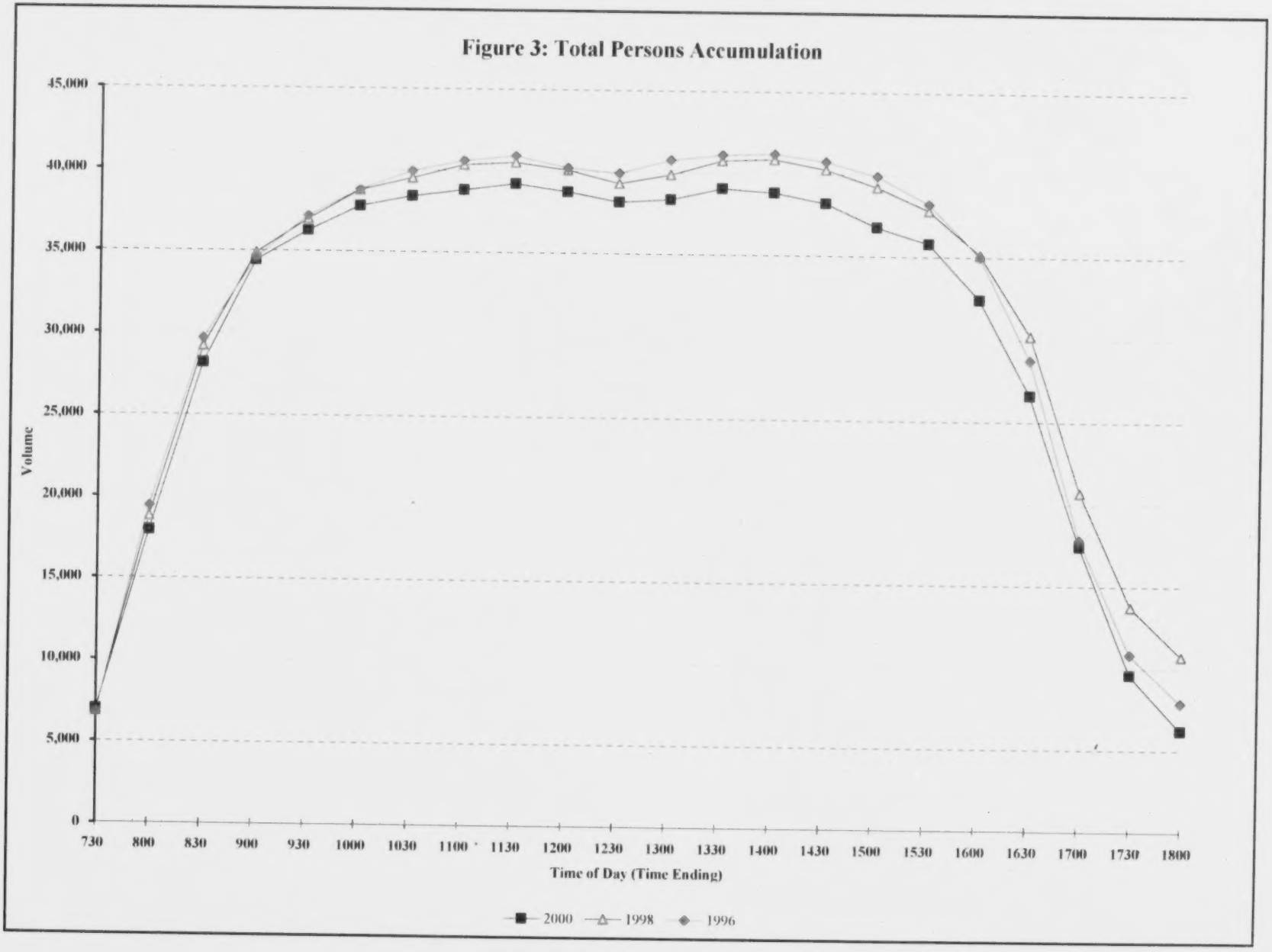


Figure 4: Auto and Auto Person Accumulation

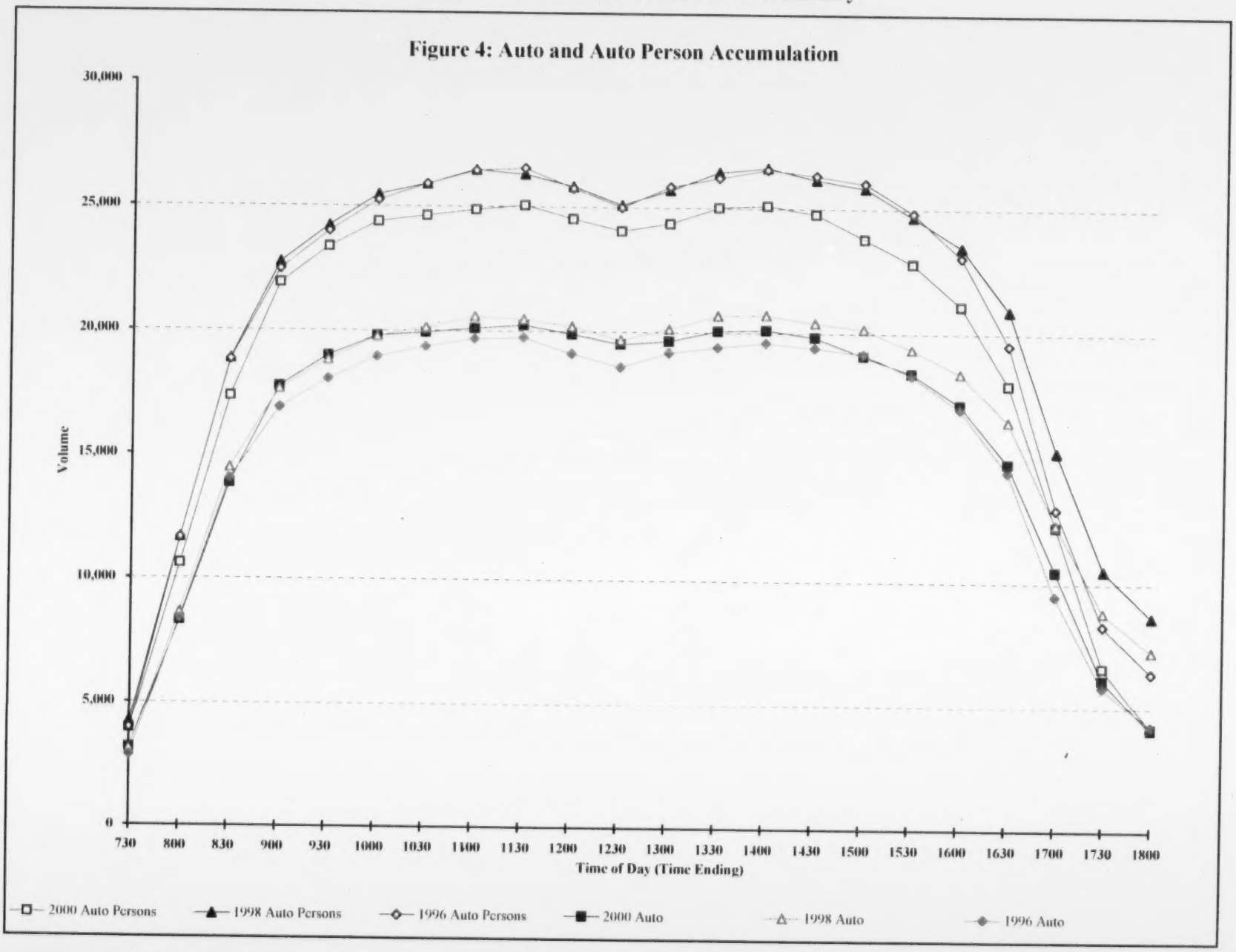


Figure 5: Transit Passenger Accumulation

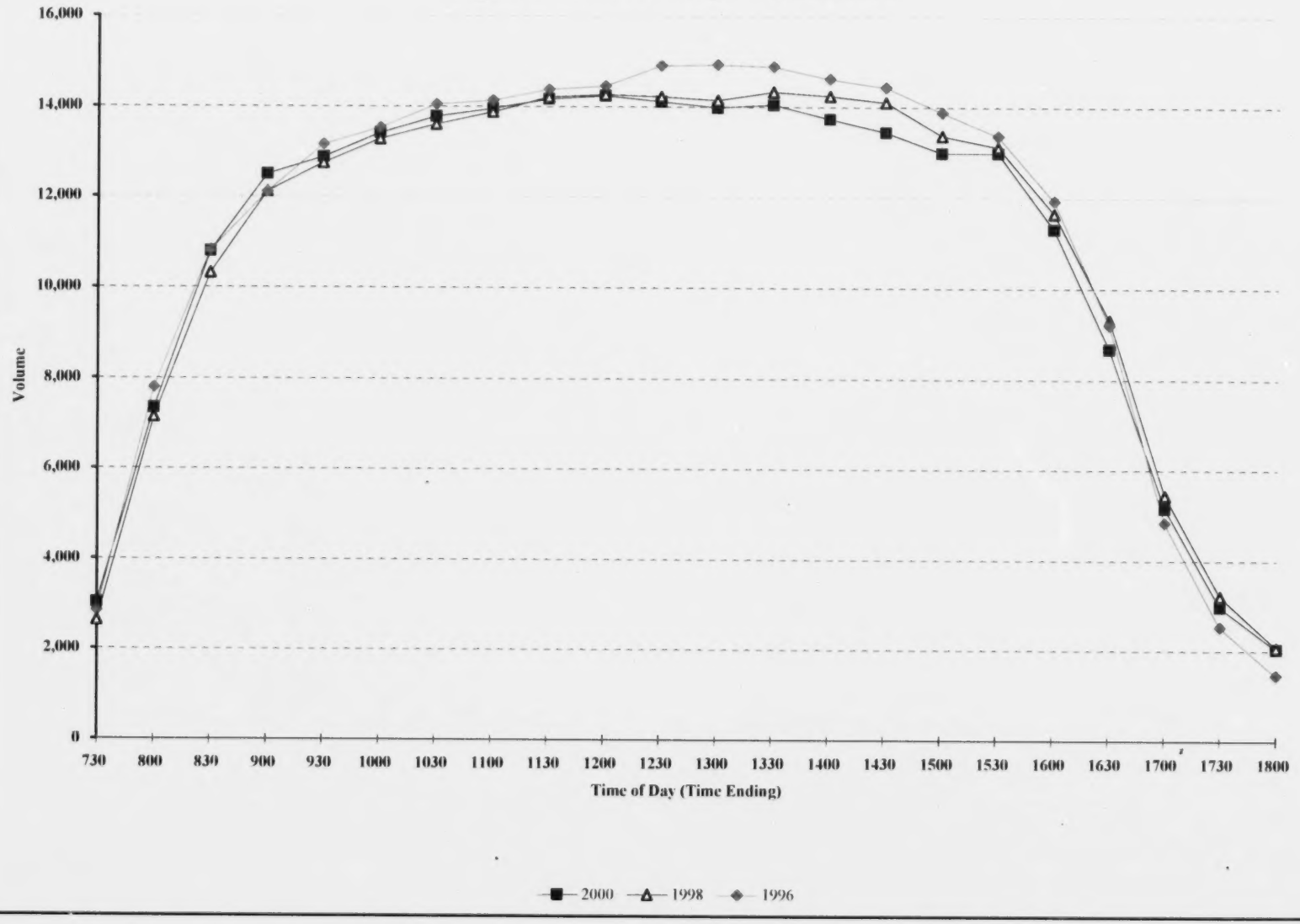


Figure 6: Total Person Entries and Exits

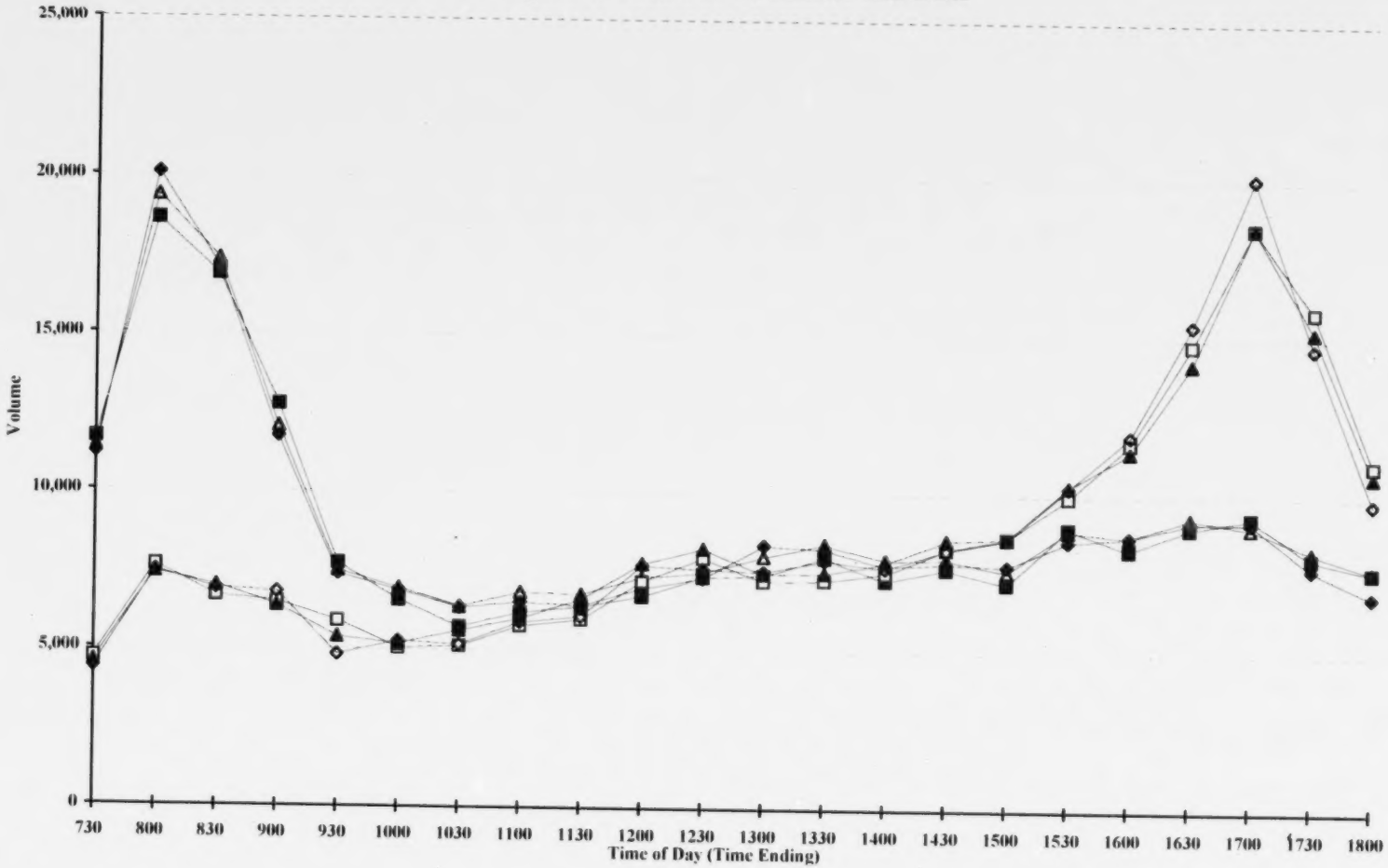


Figure 7: Auto Person Entries and Exits

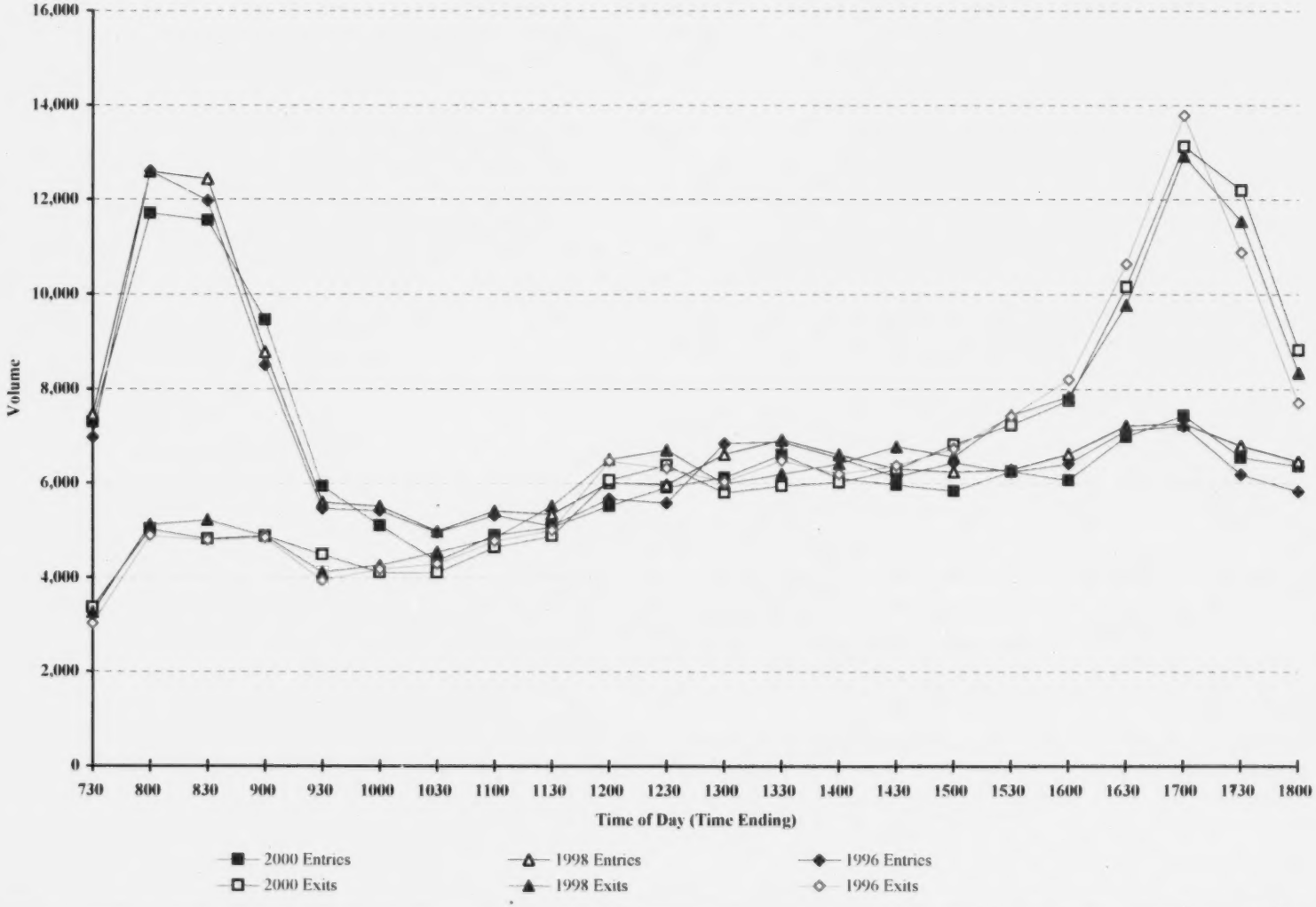


Figure 8: Auto Entries and Exits

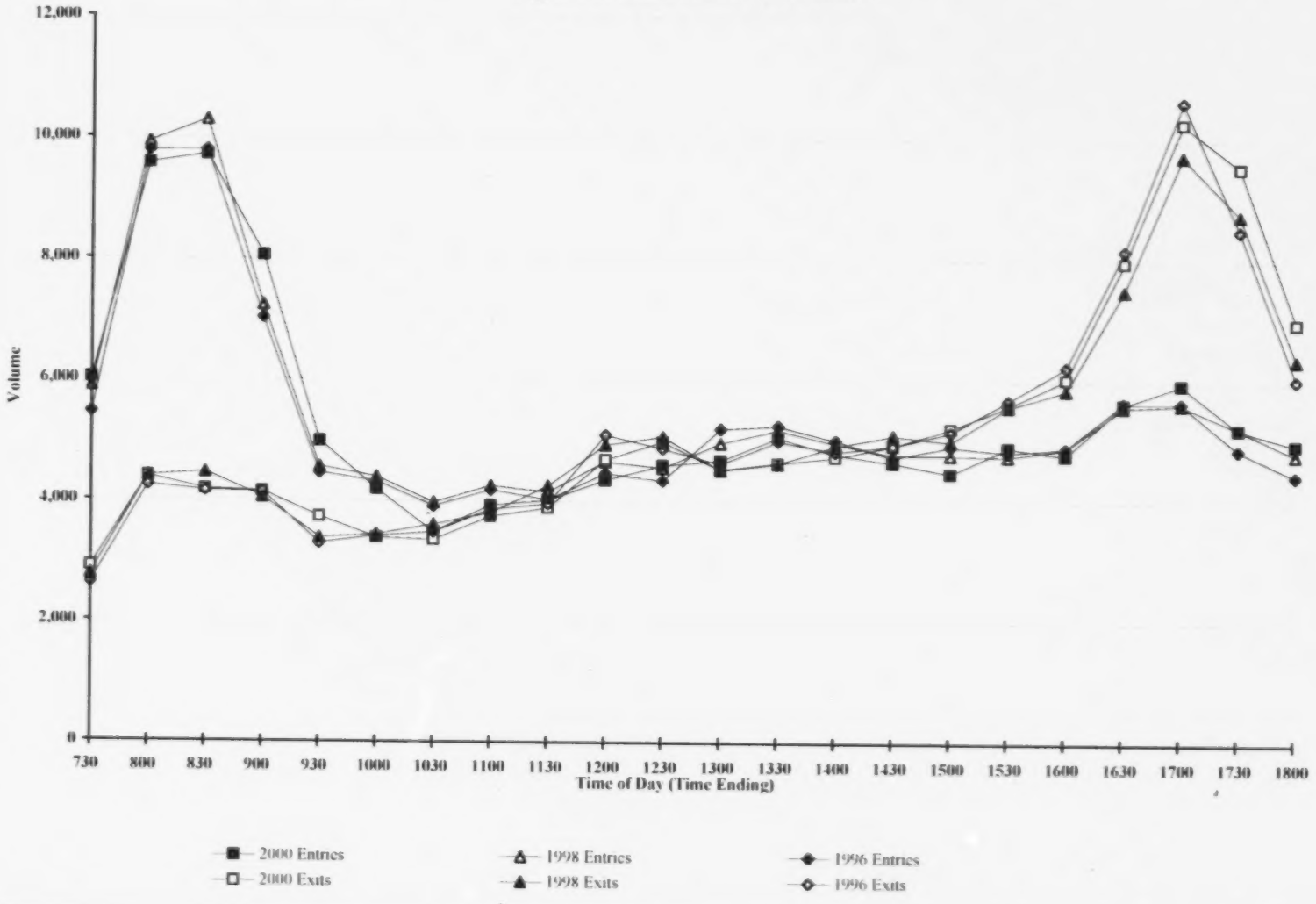


Figure 9: Transit Passenger Entries and Exits

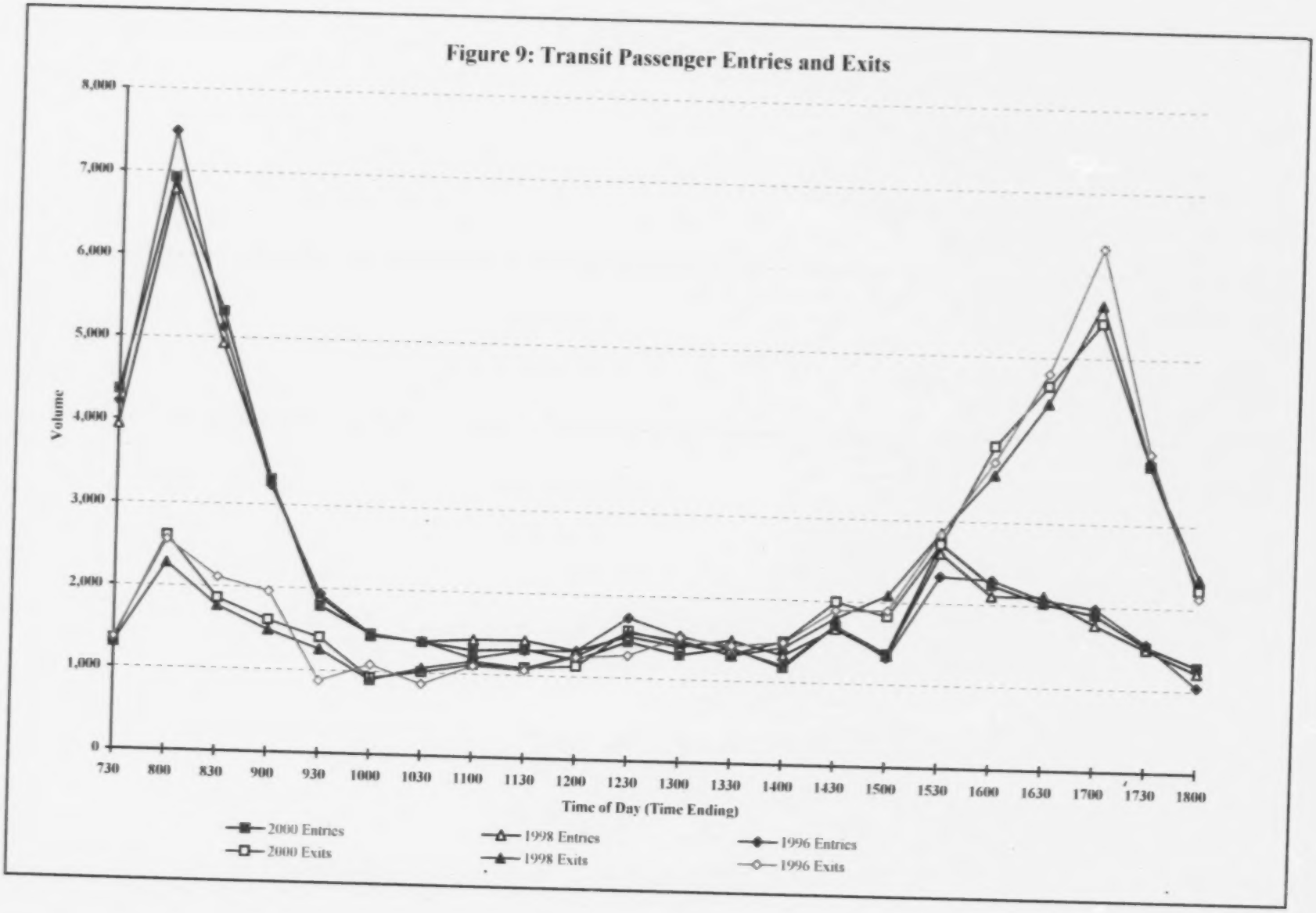


Figure 10: Bus Passenger Entries and Exits

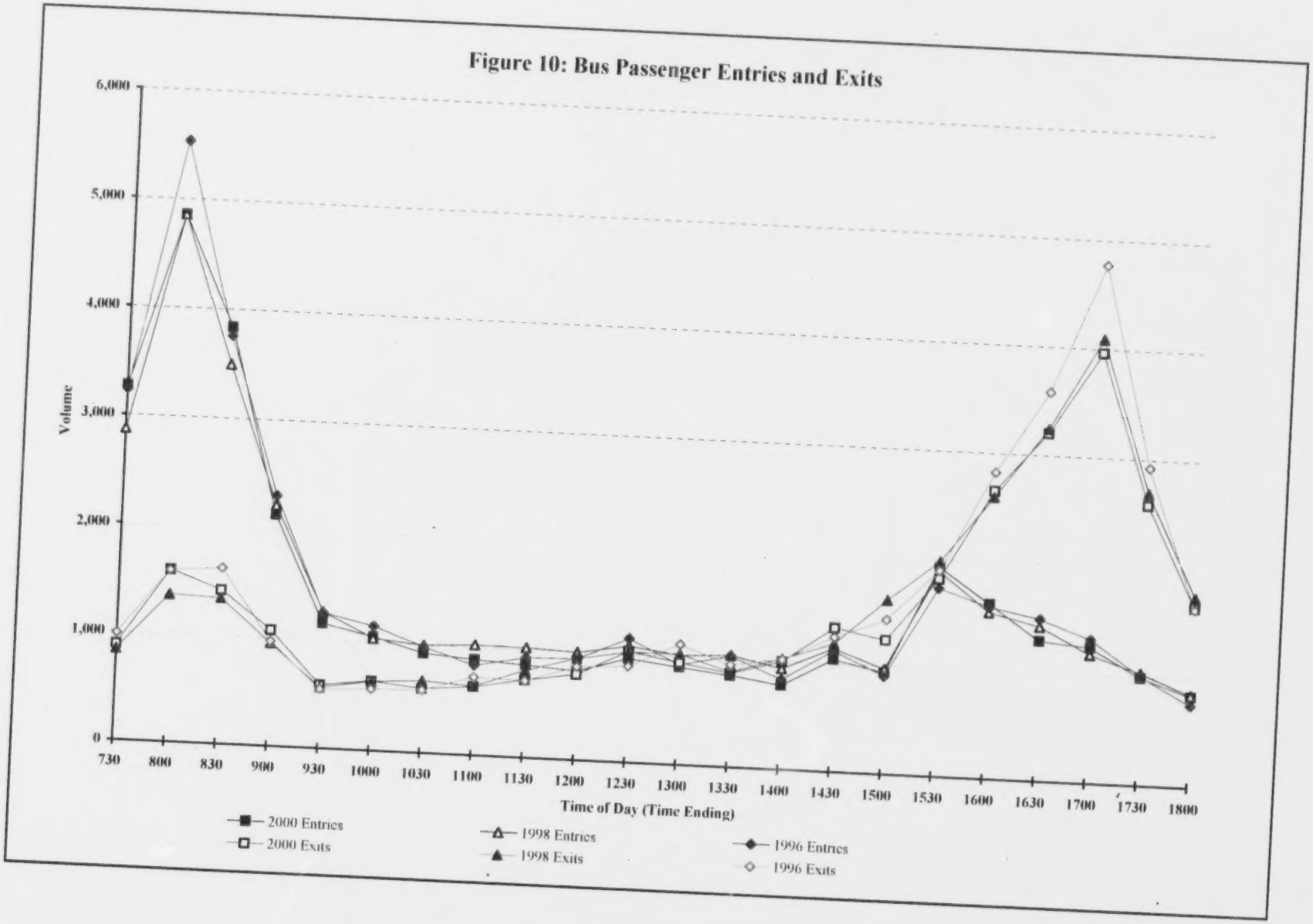
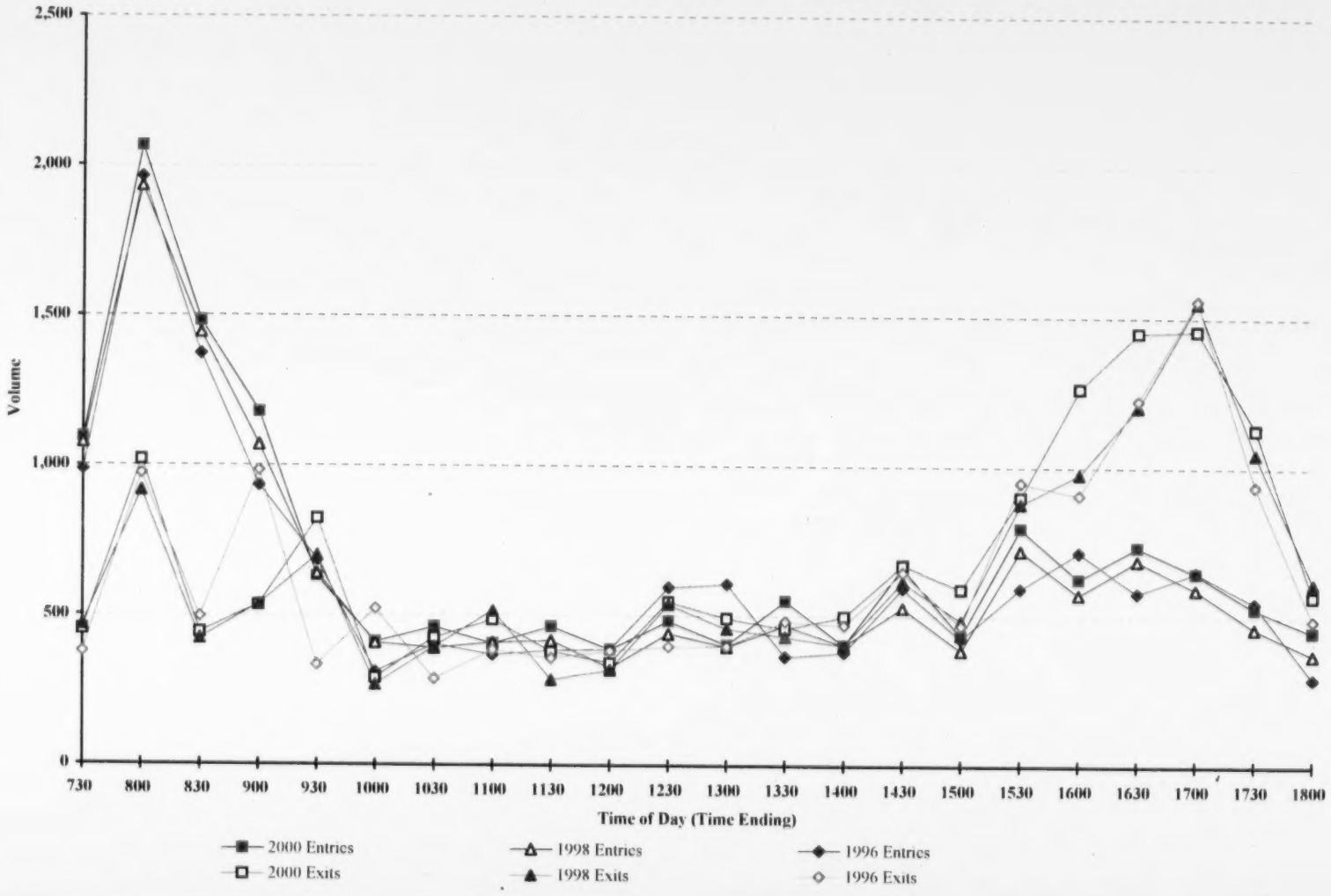


Figure 11: LRT Passenger Entries and Exits



Central Business District Cordon: 2000 Summary

Table 1: Total Cordon Person Entries by Mode

Time	Auto			Truck			ETS Bus			LRT			ETS Total			Total			Total Auto/Transit		
Ending	2000	1998	1996	2000	1998	1996	2000	1998	1996	2000	1998	1996	2000	1998	1996	2000	1998	1996	2000	1998	1996
730	7,298	7,459	6,971	83	59	54	3,265	2,864	3,229	1,093	1,076	985	4,358	3,940	4,214	11,739	11,458	11,239	11,656	11,399	11,185
800	11,712	12,587	12,595	81	66	64	4,851	4,850	5,525	2,063	1,930	1,960	6,914	6,780	7,485	18,707	19,433	20,144	18,626	19,367	20,080
830	11,552	12,431	11,973	113	105	119	3,833	3,489	3,757	1,481	1,441	1,372	5,314	4,930	5,129	16,979	17,466	17,221	16,866	17,361	17,102
900	9,455	8,773	8,496	129	121	120	2,126	2,214	2,303	1,178	1,069	934	3,304	3,283	3,237	12,888	12,177	11,853	12,759	12,056	11,733
930	5,941	5,595	5,463	134	120	120	1,151	1,255	1,244	629	638	684	1,780	1,893	1,928	7,855	7,608	7,511	7,721	7,488	7,391
1000	5,103	5,504	5,419	134	138	132	1,047	1,029	1,143	410	406	308	1,457	1,435	1,451	6,694	7,077	7,002	6,560	6,939	6,870
1030	4,344	4,978	4,957	186	116	154	918	991	977	460	389	402	1,378	1,380	1,379	5,908	6,474	6,490	5,722	6,358	6,336
1100	4,897	5,409	5,321	137	123	134	884	1,014	828	404	407	367	1,288	1,421	1,195	6,322	6,953	6,650	6,185	6,830	6,516
1130	5,070	5,349	5,108	132	126	119	854	1,010	920	462	415	382	1,316	1,425	1,302	6,518	6,900	6,529	6,386	6,774	6,410
1200	5,521	6,015	5,668	100	126	114	819	991	931	386	324	385	1,205	1,315	1,316	6,826	7,456	7,098	6,726	7,330	6,984
1230	5,918	5,972	5,581	113	94	102	958	1,070	1,139	482	439	595	1,440	1,509	1,734	7,471	7,575	7,417	7,358	7,481	7,315
1300	6,118	6,619	6,850	139	79	103	897	1,005	921	402	395	607	1,299	1,400	1,528	7,556	8,098	8,481	7,417	8,019	8,378
1330	6,600	6,922	6,881	158	116	112	845	1,025	1,022	550	468	363	1,395	1,493	1,385	8,153	8,531	8,378	7,995	8,415	8,266
1400	6,109	6,608	6,537	131	137	119	775	927	829	402	401	378	1,177	1,328	1,207	7,417	8,073	7,863	7,286	7,936	7,744
1430	5,966	6,313	6,144	153	148	107	1,035	1,132	1,112	662	527	594	1,697	1,659	1,706	7,816	8,120	7,957	7,663	7,972	7,850
1500	5,832	6,242	6,435	122	82	111	935	966	903	435	386	425	1,370	1,352	1,328	7,324	7,676	7,874	7,202	7,594	7,763
1530	6,250	6,287	6,242	91	116	108	1,926	1,886	1,731	797	721	594	2,723	2,607	2,325	9,064	9,010	8,675	8,973	8,894	8,567
1600	6,070	6,614	6,419	79	112	70	1,610	1,528	1,581	626	574	716	2,236	2,102	2,297	8,385	8,828	8,786	8,306	8,716	8,716
1630	6,990	7,220	7,122	80	69	59	1,290	1,420	1,490	734	689	580	2,024	2,109	2,070	9,094	9,398	9,251	9,014	9,329	9,192
1700	7,440	7,261	7,218	48	66	63	1,251	1,184	1,325	648	592	650	1,899	1,776	1,975	9,387	9,103	9,256	9,339	9,037	9,193
1730	6,549	6,791	6,187	68	46	52	994	1,030	1,006	529	462	548	1,523	1,492	1,554	8,140	8,329	7,793	8,072	8,283	7,741
1800	6,366	6,461	5,824	45	39	30	836	844	753	451	374	294	1,287	1,218	1,047	7,698	7,718	6,901	7,653	7,679	6,871
Total	**147,101**	**153,410**	**149,411**	**2,456**	**2,204**	**2,166**	**33,100**	**33,724**	**34,669**	**15,284**	**14,123**	**14,123**	**48,384**	**47,847**	**48,792**	**197,941**	**203,461**	**200,369**	**195,485**	**201,257**	**198,203**

Total Cordon Person Exits by Mode

Time	Auto			Truck			ETS Bus			LRT			ETS Total			Total			Total Auto/Transit		
Ending	2000	1998	1996	2000	1998	1996	2000	1998	1996	2000	1998	1996	2000	1998	1996	2000	1998	1996	2000	1998	1996
730	3,367	3,263	3,021	57	60	46	888	840	985	451	466	375	1,339	1,306	1,360	4,763	4,629	4,427	4,706	4,569	4,381
800	5,030	5,130	4,899	55	62	47	1,584	1,357	1,579	1,019	916	973	2,603	2,273	2,552	7,688	7,465	7,498	7,633	7,403	7,451
830	4,818	5,224	4,792	76	79	91	1,414	1,342	1,616	441	421	493	1,855	1,763	2,109	6,749	7,066	6,992	6,673	6,987	6,901
900	4,881	4,886	4,849	109	102	122	1,066	947	963	533	534	983	1,599	1,481	1,946	6,589	6,469	6,917	6,480	6,367	6,795
930	4,485	4,122	3,943	135	126	125	581	562	544	823	698	332	1,404	1,260	876	6,024	5,508	4,944	5,889	5,382	4,819
1000	4,109	4,255	4,171	138	119	117	638	636	563	289	267	520	927	903	1,083	5,174	5,277	5,371	5,036	5,158	5,254
1030	4,103	4,545	4,297	134	150	139	588	663	576	425	394	286	1,013	1,057	862	5,250	5,752	5,298	5,116	5,602	5,159
1100	4,646	4,839	4,780	117	124	153	631	637	716	485	516	383	1,116	1,153	1,099	5,879	6,116	6,032	5,762	5,992	5,879
1130	4,879	5,521	5,003	136	108	133	714	806	707	379	285	356	1,093	1,091	1,063	6,108	6,720	6,199	5,972	6,612	6,066
1200	6,064	6,507	6,470	135	106	90	789	938	858	341	317	380	1,130	1,255	1,238	7,329	7,868	7,798	7,194	7,762	7,708
1230	6,385	6,701	6,324	130	94	109	1,024	1,014	883	547	538	396	1,571	1,552	1,279	8,086	8,347	7,712	7,956	8,253	7,603
1300	5,804	5,994	6,029	124	106	94	942	1,018	1,107	492	458	398	1,434	1,476	1,505	7,362	7,576	7,628	7,238	7,470	7,534
1330	5,943	6,195	6,487	134	106	119	868	880	942	458	429	481	1,326	1,309	1,423	7,403	7,610	8,029	7,269	7,504	7,910
1400	6,023	6,419	6,199	159	85	104	992	1,019	1,012	498	402	470	1,490	1,421	1,482	7,672	7,925	7,785	7,513	7,840	7,681
1430	6,292	6,781	6,378	153	121	83	1,322	1,180	1,237	671	616	648	1,993	1,796	1,885	8,438	8,698	8,346	8,285	8,577	8,263
1500	6,822	6,555	6,738	134	95	130	1,233	1,600	1,420	591	485	470	1,824	2,085	1,890	8,780	8,735	8,758	8,646	8,640	8,628
1530	7,238	7,449	7,427	126	86	139	1,818	1,979	1,893	900	879	948	2,718	2,858	2,841	10,082	10,393	10,407	9,956	10,307	10,268
1600	7,759	7,835	8,189	110	82	89	2,652	2,592	2,819	1,264	978	908	3,916	3,570	3,727	11,785	11,487	12,005	11,675	11,405	11,916
1630	10,156	9,764	10,639	106	64	98	3,203	3,241	3,580	1,450	1,204	1,224	4,653	4,445	4,804	14,915	14,273	15,541	14,809	14,209	15,443
1700	13,115	12,910	13,781	64	58	68	3,962	4,092	4,768	1,457	1,549	1,556	5,419	5,641	6,324	18,598	18,609	20,173	18,534	18,551	20,105
1730	12,191	11,529	10,875	70	52	49	2,577	2,683	2,920	1,129	1,047	938	3,706	3,730	3,858	15,967	15,311	14,782	15,897	15,259	14,733
1800	8,814	8,334	7,698	51	42	49	1,648	1,743	1,635	570	613	490	2,218	2,356	2,125	11,083	10,732	9,872	11,032	10,690	9,823
Total	**142,924**	**144,758**	**142,989**	**2,453**	**2,027**	**2,194**	**31,134**	**31,769**	**33,323**	**15,213**	**14,012**	**14,008**	**46,347**	**45,781**	**47,331**	**191,724**	**192,566**	**192,514**	**189,271**	**190,539**	**190,320**

Central Business District Cordon: 2000 Summary

Table 2: Total Cordon Vehicles Entries by Mode

Time	Auto			Truck			ETS Bus			LRT			ETS Total			Other Bus			Total		
Ending	2000	1998	1996	2000	1998	1996	2000	1998	1996	2000	1998	1996	2000	1998	1996	2000	1998	1996	2000	1998	1996
730	6,019	5,881	5,454	65	46	49	110	112	119	12	12	12	122	124	131	8	15	15	6,214	6,066	5,649
800	9,569	9,920	9,784	65	54	44	130	134	152	12	12	12	142	146	164	17	16	21	9,793	10,136	10,013
830	9,714	10,289	9,788	100	79	93	116	118	122	12	12	12	128	130	134	22	18	13	9,964	10,516	10,028
900	8,054	7,231	7,020	106	92	87	83	89	97	10	10	10	93	99	107	23	25	18	8,276	7,447	7,232
930	4,980	4,561	4,455	107	89	105	51	52	59	6	6	6	57	58	65	29	31	26	5,173	4,739	4,651
1000	4,183	4,392	4,309	106	107	107	45	41	53	6	6	6	51	47	59	14	17	16	4,354	4,563	4,491
1030	3,480	3,970	3,904	138	97	118	43	40	50	6	6	6	49	46	56	18	12	15	3,685	4,125	4,093
1100	3,923	4,243	4,173	111	90	109	43	39	49	6	6	6	49	45	55	16	11	19	4,099	4,389	4,356
1130	4,009	4,140	4,019	107	100	94	45	40	49	6	6	6	51	46	55	20	16	12	4,187	4,302	4,180
1200	4,347	4,646	4,456	87	99	96	42	39	49	6	6	6	48	45	55	19	21	13	4,501	4,811	4,620
1230	4,589	4,551	4,340	89	78	81	47	40	50	6	6	6	53	46	56	17	24	15	4,748	4,699	4,492
1300	4,671	4,960	5,198	117	68	80	45	39	49	6	6	6	51	45	55	35	18	15	4,874	5,091	5,348
1330	5,053	5,178	5,253	124	91	94	46	40	50	6	6	6	52	46	56	17	15	10	5,246	5,330	5,413
1400	4,783	4,958	5,014	105	104	98	48	41	49	6	6	6	54	47	55	17	15	14	4,959	5,124	5,181
1430	4,646	4,780	4,731	113	109	97	50	46	53	6	6	6	56	52	59	16	16	9	4,831	4,957	4,896
1500	4,473	4,779	4,918	92	60	94	54	47	58	6	6	6	60	53	64	28	15	14	4,653	4,907	5,090
1530	4,902	4,762	4,829	77	91	86	71	67	78	11	11	11	82	78	89	27	13	11	5,088	4,944	5,015
1600	4,778	4,882	4,898	65	87	52	66	65	77	12	12	12	78	77	89	17	15	13	4,938	5,061	5,052
1630	5,626	5,590	5,658	70	57	49	68	66	81	12	12	12	80	78	93	22	14	16	5,798	5,739	5,816
1700	5,958	5,628	5,657	40	52	51	73	74	86	12	12	12	85	86	98	11	15	16	6,094	5,781	5,822
1730	5,220	5,234	4,874	51	34	43	65	66	79	10	10	10	75	76	89	17	14	13	5,363	5,358	5,019
1800	4,959	4,804	4,447	37	31	24	53	56	69	6	6	6	59	62	75	10	14	15	5,065	4,911	4,561
Total	**117,936**	**119,379**	**117,179**	**1,972**	**1,715**	**1,751**	**1,394**	**1,351**	**1,578**	**181**	**181**	**181**	**1,575**	**1,532**	**1,759**	**420**	**370**	**329**	**121,903**	**122,996**	**121,018**

Total Cordon Vehicle Exits by Mode

Time	Auto			Truck			ETS Bus			LRT			ETS Total			Other Bus			Total		
Ending	2000	1998	1996	2000	1998	1996	2000	1998	1996	2000	1998	1996	2000	1998	1996	2000	1998	1996	2000	1998	1996
730	2,893	2,767	2,625	48	47	36	62	61	79	11	12	12	73	73	91	6	4	11	3,020	2,891	2,763
800	4,385	4,397	4,244	46	50	40	74	76	84	12	12	12	86	88	96	13	17	19	4,530	4,552	4,399
830	4,181	4,459	4,148	64	68	75	66	70	73	12	12	12	78	82	85	17	26	17	4,340	4,635	4,325
900	4,146	4,050	4,133	85	86	99	52	57	66	11	11	11	63	68	77	16	21	16	4,310	4,225	4,325
930	3,732	3,382	3,290	113	96	102	49	46	57	6	6	6	55	52	63	22	18	19	3,922	3,548	3,474
1000	3,387	3,437	3,413	107	90	93	42	41	50	6	6	6	48	47	56	14	24	11	3,556	3,598	3,573
1030	3,347	3,606	3,481	115	117	114	44	38	49	6	6	6	50	44	55	6	13	15	3,518	3,780	3,665
1100	3,740	3,797	3,858	93	99	120	42	41	50	6	6	6	48	47	56	8	14	16	3,889	3,957	4,050
1130	3,885	4,244	3,953	100	89	112	45	38	49	6	6	6	51	44	55	20	12	15	4,056	4,389	4,135
1200	4,685	4,931	5,092	100	85	76	44	41	49	6	6	6	50	47	55	11	20	16	4,846	5,083	5,239
1230	4,979	5,062	4,869	107	79	87	47	39	49	6	6	6	53	45	55	15	27	14	5,154	5,213	5,025
1300	4,527	4,514	4,615	99	77	69	45	42	50	6	6	6	51	48	56	23	15	13	4,700	4,654	4,753
1330	4,629	4,621	4,996	99	83	98	48	39	49	6	6	6	54	45	55	16	18	21	4,798	4,767	5,170
1400	4,730	4,920	4,831	114	70	87	46	43	49	6	6	6	52	49	55	18	12	9	4,914	5,051	4,982
1430	4,927	5,101	4,926	120	99	73	51	41	51	6	6	6	57	47	57	24	22	8	5,128	5,269	5,064
1500	5,218	4,995	5,153	108	73	105	59	57	60	6	6	6	65	63	66	17	12	12	5,408	5,143	5,336
1530	5,596	5,578	5,684	98	66	107	78	78	84	10	10	10	88	88	94	19	16	15	5,801	5,748	5,900
1600	6,046	5,856	6,245	85	69	71	94	96	109	12	12	12	106	108	121	14	19	17	6,251	6,052	6,454
1630	7,975	7,510	8,177	83	53	72	109	107	120	12	12	12	121	119	132	14	14	18	8,193	7,696	8,399
1700	10,279	9,739	10,633	54	42	55	123	127	146	12	12	12	135	139	158	14	15	11	10,482	9,935	10,857
1730	9,551	8,766	8,517	58	38	36	97	105	119	11	11	11	108	116	130	17	9	3	9,734	8,929	8,686
1800	6,983	6,369	6,046	38	34	37	74	79	92	6	6	6	80	85	98	6	14	11	7,107	6,502	6,192
Total	**113,821**	**112,101**	**112,929**	**1,934**	**1,610**	**1,764**	**1,391**	**1,362**	**1,584**	**181**	**182**	**182**	**1,572**	**1,544**	**1,766**	**330**	**362**	**307**	**117,657**	**115,617**	**116,766**

Central Business District Cordon: 2000 Summary

Table 3: Accumulations

Time Ending	Total Person Accumulation			Auto Person Accumulations			ETS Total Passenger Accumulation			Auto Accumulations		
	2000	1998	1996	2000	1998	1996	2000	1998	1996	2000	1998	1996
730	6,950	6,830	6,804	3,931	4,196	3,950	3,019	2,634	2,854	3,126	3,114	2,829
800	17,943	18,794	19,433	10,613	11,653	11,646	7,330	7,141	7,787	8,310	8,637	8,369
830	28,136	29,168	29,634	17,347	18,860	18,827	10,789	10,308	10,807	13,843	14,467	14,009
900	34,415	34,857	34,572	21,921	22,747	22,474	12,494	12,110	12,098	17,751	17,648	16,896
930	36,247	36,963	37,144	23,377	24,220	23,994	12,870	12,743	13,150	18,999	18,827	18,061
1000	37,771	38,744	38,760	24,371	25,469	25,242	13,400	13,275	13,518	19,795	19,782	18,957
1030	38,377	39,500	39,937	24,612	25,902	25,902	13,765	13,598	14,035	19,928	20,146	19,380
1100	38,800	40,338	40,574	24,863	26,472	26,443	13,937	13,866	14,131	20,111	20,592	19,695
1130	39,214	40,500	40,918	25,054	26,300	26,548	14,160	14,200	14,370	20,235	20,488	19,761
1200	38,746	40,068	40,194	24,511	25,808	25,746	14,235	14,260	14,448	19,897	20,203	19,125
1230	38,148	39,296	39,906	24,044	25,079	25,003	14,104	14,217	14,903	19,507	19,692	18,596
1300	38,327	39,845	40,750	24,358	25,704	25,824	13,969	14,141	14,926	19,651	20,138	19,179
1330	39,053	40,756	41,106	25,015	26,431	26,218	14,038	14,325	14,888	20,075	20,695	19,436
1400	38,826	40,852	41,169	25,101	26,620	26,556	13,725	14,232	14,613	20,128	20,733	19,619
1430	38,204	40,247	40,756	24,775	26,152	26,322	13,429	14,095	14,434	19,847	20,412	19,424
1500	36,760	39,201	39,891	23,785	25,839	26,019	12,975	13,362	13,872	19,102	20,196	19,189
1530	35,777	37,788	38,190	22,797	24,677	24,834	12,980	13,111	13,356	18,408	19,380	18,334
1600	32,408	35,099	34,990	21,108	23,456	23,064	11,300	11,643	11,926	17,140	18,406	16,987
1630	26,613	30,219	28,739	17,942	20,912	19,547	8,671	9,307	9,192	14,791	16,486	14,468
1700	17,418	20,705	17,827	12,267	15,263	12,984	5,151	5,442	4,843	10,470	12,375	9,492
1730	9,593	13,729	10,835	6,625	10,525	8,296	2,968	3,204	2,539	6,139	8,843	5,849
1800	6,214	10,718	7,883	4,177	8,652	6,422	2,037	2,066	1,461	4,115	7,278	4,250
Maximum	**39,214**	**40,852**	**41,169**	**25,101**	**26,620**	**26,556**	**14,235**	**14,325**	**14,926**	**20,235**	**20,733**	**19,761**
Interval End	1130	1400	1400	1400	1400	1400	1200	1330	1300	1130	1400	1130
Accumulation at 1000	37,771	38,744	38,760	24,371	25,469	25,242	13,400	13,275	13,518	19,795	19,782	18,957

Central Business District Cordon: 2000 Summary

Table 4: Mode Splits by Time Period - 2000

	Peak Hour				Peak Period				Daily			
	AM Entries 0730-0830		PM Exits 1630-1730		AM Entries 0700-0900		PM Exits 1530-1730		Entries 0700-1800		Exits 0700-1800	
	Trips	%	Trips	%	Trips	%	Trips	%	Trips	%	Trips	%
Auto Persons	**23,264**	**65.5**	**25,306**	**73.5**	**40,017**	**66.8**	**43,221**	**71.0**	**147,101**	**75.2**	**142,924**	**75.5**
Auto Driver	19,283	54.3	19,830	57.6	33,356	55.7	33,851	55.6	117,936	60.3	113,821	60.1
Auto Passenger	3,981	11.2	5,476	15.9	6,661	11.1	9,370	15.4	29,165	14.9	29,103	15.4
Transit	**12,228**	**34.5**	**9,125**	**26.5**	**19,890**	**33.2**	**17,694**	**29.0**	**48,384**	**24.8**	**46,347**	**24.5**
Bus Only	8,684	24.5	6,539	19.0	14,075	23.5	12,394	20.3	33,100	16.9	31,134	16.4
LRT Only	3,544	10.0	2,586	7.5	5,815	9.7	5,300	8.7	15,284	7.8	15,213	8.0
Total Persons	**35,492**		**34,431**		**59,907**		**60,915**		**195,485**		**189,271**	

Mode Splits by Time Period - 1998

	Peak Hour				Peak Period				Daily			
	AM Entries 0730-0830		PM Exits 1630-1730		AM Entries 0700-0900		PM Exits 1530-1730		Entries 0700-1800		Exits 0700-1800	
	Trips	%	Trips	%	Trips	%	Trips	%	Trips	%	Trips	%
Auto Persons	**25,018**	**68.1**	**24,439**	**72.3**	**41,250**	**68.5**	**42,038**	**70.7**	**153,410**	**76.2**	**144,758**	**76.0**
Auto Driver	20,209	55.0	18,505	54.7	33,321	55.4	31,871	53.6	119,379	59.3	112,101	58.8
Auto Passenger	4,809	13.1	5,934	17.6	7,929	13.2	10,167	17.1	34,031	16.9	32,657	17.1
Transit	**11,710**	**31.9**	**9,371**	**27.7**	**18,933**	**31.5**	**17,386**	**29.3**	**47,847**	**23.8**	**45,781**	**24.0**
Bus Only	8,339	22.7	6,775	20.0	13,417	22.3	12,608	21.2	33,724	16.8	31,769	16.7
LRT Only	3,371	9.2	2,596	7.7	5,516	9.2	4,778	8.0	14,123	7.0	14,012	7.4
Total Persons	**36,728**		**33,810**		**60,183**		**59,424**		**201,257**		**190,539**	

Mode Splits by Time Period - 1996

	Peak Hour				Peak Period				Daily			
	AM Entries 0730-0830		PM Exits 1600 - 1700		AM Entries 0700-0900		PM Exits 1530-1730		Entries 0700-1800		Exits 0700-1800	
	Trips	%	Trips	%	Trips	%	Trips	%	Trips	%	Trips	%
Auto Persons	**24,568**	**66.1**	**24,420**	**68.7**	**40,035**	**66.6**	**43,484**	**69.9**	**149,411**	**75.4**	**142,989**	**75.1**
Auto Driver	19,572	52.6	18,810	52.9	32,046	53.3	33,572	54.0	117,179	59.1	112,929	59.3
Auto Passenger	4,996	13.4	5,610	15.8	7,989	13.3	9,912	15.9	32,232	16.3	30,060	15.8
Transit	**12,614**	**33.9**	**11,128**	**31.3**	**20,065**	**33.4**	**18,713**	**30.1**	**48,792**	**24.6**	**47,331**	**24.9**
Bus Only	9,282	25.0	8,348	23.5	14,814	24.6	14,087	22.6	34,669	17.5	33,323	17.5
LRT Only	3,332	9.0	2,780	7.8	5,251	8.7	4,626	7.4	14,123	7.1	14,008	7.4
Total Persons	**37,182**		**35,548**		**60,100**		**62,197**		**198,203**		**190,320**	

TABLE 5: COMPARISONS OF MODE SPLITS BY TIME PERIOD

	AM Peak Entries			PM Peak Exits			AM Peak Period Entri			PM Peak Period Exits			Total Entries			Total Exits		
	2000	1998	1996	2000	1998	1996	2000	1998	1996	2000	1998	1996	2000	1998	1996	2000	1998	1996
Auto Persons	**65.5**	**68.1**	**66.1**	**73.5**	**72.3**	**68.7**	**66.8**	**68.5**	**66.6**	**71.0**	**70.7**	**69.9**	**75.2**	**76.2**	**75.4**	**75.5**	**76.0**	**75.1**
Auto Driver	54.3	55.0	52.6	57.6	54.7	52.9	55.7	55.4	53.3	55.6	53.6	54.0	60.3	59.3	59.1	60.1	58.8	59.3
Auto Passenger	11.2	13.1	13.4	15.9	17.6	15.8	11.1	13.2	13.3	15.4	17.1	15.9	14.9	16.9	16.3	15.4	17.1	15.8
Transit	**34.5**	**31.9**	**33.9**	**26.5**	**27.7**	**31.3**	**33.2**	**31.5**	**33.4**	**29.0**	**29.3**	**30.1**	**24.8**	**23.8**	**24.6**	**24.5**	**24.0**	**24.9**
Bus Only	24.5	22.7	25.0	19.0	20.0	23.5	23.5	22.3	24.6	20.3	21.2	22.6	16.9	16.8	17.5	16.4	16.7	17.5
LRT Only	10.0	9.2	9.0	7.5	7.7	7.8	9.7	9.2	8.7	8.7	8.0	7.4	7.8	7.0	7.1	8.0	7.4	7.4

Appendix A

Methodology and Definitions

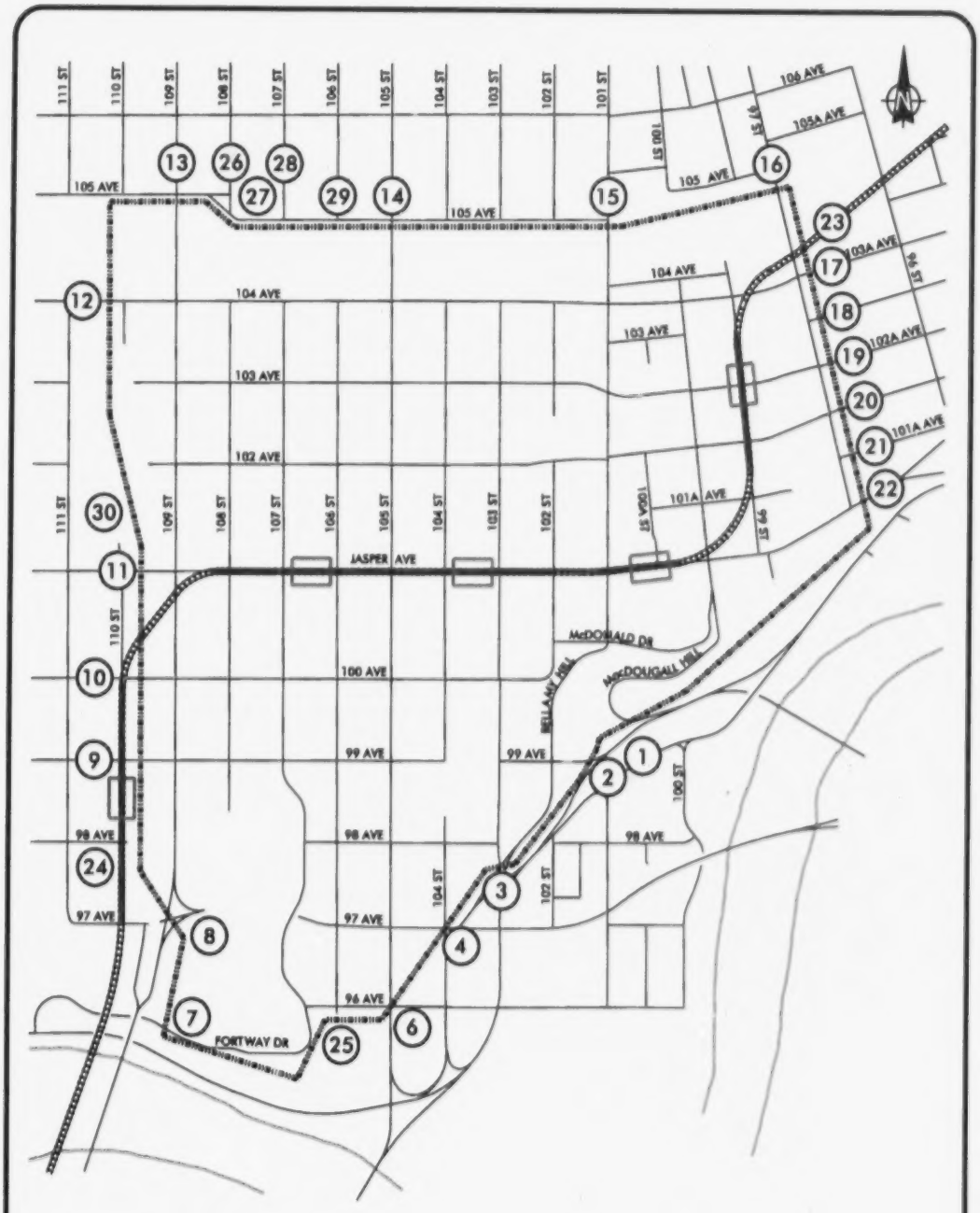


Figure 2: CBD CORDON BOUNDARY

THE CITY OF Edmonton TRANSPORTATION AND STREETS

Survey Methodology

The Central Business District (CBD) Cordon survey has been conducted approximately every two years to measure traffic volume and transit passengers and to assess the distribution of trips between Autos and Transit. The boundaries (Figure 1 and Figure 2) for the 2000 cordon survey were:

North – 105 Avenue;
East – 97 Street;
South – 96 Avenue; and
West – 109 Street.

The location of each station and listing of stations surveyed in 2000 are included with the detailed station summaries in Appendix B.

All vehicles that cross the cordon are assigned to categories: Autos, Trucks, ETS bus (including Sherwood Park and St Albert), and Other Buses (includes all other buses such as DATS, Red Arrow, Greyhound, etc.). Passengers are recorded for all modes except Other Buses as these vehicles tend to have shaded windows making accurate counting difficult. Bicycle and pedestrian trips are not included as these modes are not restricted to traffic corridors.

Accumulation summaries are derived from entries minus exits by time interval. The summary really reports the change in accumulation after 7:00 AM as the survey methodology does not include accumulation within the CBD prior to the survey start time. Also, CBD residents exiting the CBD cordon contribute to a reduction in the accumulation. Movements associated with peripheral parking also affect conclusions drawn from the accumulation totals. An Auto trip from the south side may enter the cordon on the south boundary, exit on the east boundary, park just outside the cordon and Auto Persons walk in. This survey would suggest a through trip with no increase in Auto or Auto Driver accumulation.

The AM and PM Peak Hours are selected based on the maximum Total Persons (Auto Persons and Transit). The AM Peak hour is the one-hour interval between 07:00 and 09:00 with the highest entries. The highest exits for the one-hour interval between 15:00 and 18:00 determines the PM Peak. When comparing the activity for the AM Peak and PM Peak hours recognize that the composition of the AM Peak trips includes both school and work trips while the PM Peak trips are more oriented to work trips. This factor helps to explain the difference between the AM and PM Peak volumes. There may also be different travel patterns (routing or mode) in the AM and PM Peaks.

Definitions

Accumulation	– The number of people entering the cordon after 7:00 AM by Auto or Transit minus the number of people exiting the cordon after 7:00 AM by Auto or Transit. Note: this is nor a true picture of the people in the CBD because: a) People enter the cordon before 7:00 AM b) People use other modes (walk, bicycle, walk from car) c) Exiting CBD residents are included as a reduction in accumulation.
Autos	– All passenger vehicles: cars, vans and ½ ton trucks
Daily	– 07:00 to 18:00.
ETS	– Edmonton Transit – includes buses, LRT and, for this survey, Sherwood Park and St. Albert service.
Mode Split	– The share of Total Person movements allocated on the basis of Auto or Transit travel mode only. Trucks are excluded.
Other Bus	– Includes any commercial passenger vehicle carriers such as Greyhound and Red Arrow; also includes special shuttle services such as the Edmonton International Airport shuttles.
Peak Hour	– The highest one-hour volume in the peak direction in the peak period selected on Total Persons.
Peak Period	– AM – 07:00 to 09:00; PM – 15:30 to 17:30
Persons	– All occupants in a vehicle (Autos, Trucks, and ETS buses and LRT) – includes driver for Autos and Trucks, excludes driver for Transit. Note: walking and bicycle trips are excluded.
Total Persons	– Refers to persons in private passenger vehicles (Autos) and Transit passengers only. Does not include truck drivers or truck passengers.
Trucks	– Any vehicle with dual rear wheel (minimum 6 tires for all axles) used for the movement of goods or the provision of services.
Trip	– One-way movement, either an exit or an entry to the cordon. Auto trips would refer to the vehicle movement; Auto Person trip refers to the movement of the persons in the vehicle. The trip may originate / end in the CBD or be a through movement.
Vehicles	– All motor vehicles including Autos, Trucks, Buses, LRT trains.

Bibliography

1. Alberta Fuel Price Elasticity Analysis, Final report, October 1999

Appendix B

2000 Cordon Detail

Central Business District Cordon: 2000 Summary

Cordon Stations Surveyed

	Location	Survey Date Vehicle		Transit		Page
1. McDougall Hill	S of MacDonald Drive	Mar. 14, 2000	Tu	Feb. 9, 2000	We	2
2. 99 Avenue	E of Bellamy Hill	Mar. 13, 2000	Mo			3
3. Bellamy Hill	S of 98 Avenue	Mar. 13, 2000	Mo	Feb. 9, 2000	We	4
4. 97 Avenue	W of 104 Street	Mar. 14, 2000	Tu	Feb. 9, 2000	We	5
6. 96 Avenue	at 105 Street	Mar. 15, 2000	We	Feb. 9, 2000	We	6
7. Fortway Drive	W of High Level Bridge	Mar. 8, 2000	We	Mar. 8, 2000	Tu	7
8. 109 Street	S of 97 Avenue	Mar. 9, 2000	Th	Feb. 9, 2000	We	8
9. 99 Avenue	E of 110 Street	Mar. 8, 2000	We			9
10. 100 Avenue	E of 110 Street	Mar. 9, 2000	Th			10
11. Jasper Avenue	E of 110 Street	Mar. 13, 2000	Mo	Feb. 9, 2000	We	11
12. 104 Avenue	E of 111 Street	Mar. 9, 2000	Th	Feb. 9, 2000	We	12
13. 109 Street	S of 105 Avenue	Mar. 8, 2000	We			13
14. 105 Street	S of 105 Avenue	Mar. 8, 2000	We	Feb. 9, 2000	We	14
15. 101 Street	S of 105 Avenue	Mar. 7, 2000	Tu	Feb. 9, 2000	We	15
16. 97 Street	S of 105 Avenue	Mar. 7, 2000	Tu	Feb. 9, 2000	We	16
17. 103A Avenue	E of 97 Street	Mar. 6, 2000	Mo			17
18. 103 Avenue	E of 97 Street	Mar. 7, 2000	Tu			18
19. 102A Avenue	E of 97 Street	Mar. 6, 2000	Mo	Feb. 9, 2000	We	19
20. 102 Avenue	E of 97 Street	Mar. 6, 2000	Mo	Feb. 9, 2000	We	20
21. 101A Avenue	E of 97 Street	Mar. 7, 2000	Tu			21
22. Jasper Avenue	E of 97 Street	Mar. 6, 2000	Mo	Feb. 9, 2000	We	22
23. LRT	N of Churchill Stn			Sep. 20, 1999	Mo	23
24. LRT	S of Grandin Stn			Sep. 22, 1999	We	24
25. 106 Street	N of River Valley Rd	Mar. 15, 2000	Mo			25
26. 108 Street	S of 105 Avenue	Mar. 14, 2000	Tu			26
27. 107A Street	S of 105 Avenue	Mar. 14, 2000	Tu			27
28. 107 Street	S of 105 Avenue	Mar. 14, 2000	Tu			28
29. 106 Street	S of 105 Avenue	Mar. 14, 2000	Tu			29
30. 101A Avenue	E of 110 Street	Mar. 13, 2000	Mo			30

Total Downtown Cordon Area by Time of Day 31

Total Downtown Cordon Area by Station 32

AM Peak Hour by Station 34

PM Peak Hour by Station 36

Vehicle Occupancy Rates by Time of Day 38

Central Business District Cordon: 2000 Report

1. McDougall Hill S of MacDonald Drive

VEHICLE CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Other Bus	Total	EXITS Auto	Truck	ETS	Other Bus	Total
730	481	8	27	1	517	254	1	15	1	271
800	769	1	36	0	806	261	3	19	0	283
830	791	5	34	3	833	218	6	14	0	238
900	579	9	22	6	616	217	7	8	0	232
930	348	0	13	2	363	197	5	8	1	211
1000	303	5	10	0	318	230	7	9	3	249
1030	234	6	9	1	250	222	7	9	0	238
1100	312	9	9	2	332	269	4	9	1	283
1130	242	5	10	1	258	220	5	10	1	236
1200	288	10	9	1	308	277	3	9	1	290
1230	201	5	10	1	217	310	6	10	0	326
1300	276	7	9	4	296	278	13	9	0	300
1330	313	6	10	1	330	373	4	10	3	390
1400	247	10	9	1	267	274	5	9	1	289
1430	294	5	11	1	311	325	5	10	1	341
1500	318	9	10	3	340	403	8	14	2	427
1530	278	2	14	2	296	462	8	18	1	489
1600	281	3	12	0	296	516	2	23	2	543
1630	316	3	13	1	333	690	3	31	0	724
1700	365	3	21	0	389	985	2	32	0	1,019
1730	322	5	14	3	344	943	6	20	3	972
1800	325	3	12	0	340	588	2	15	0	605
TOTAL	7,883	119	324	34	8,360	8,512	112	311	21	8,956

PERSON CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Total	EXITS Auto	Truck	ETS	Total
730	598	9	930	1,537	297	1	329	627
800	958	1	1,372	2,331	295	3	305	603
830	945	10	1,123	2,078	261	8	204	473
900	666	13	591	1,270	265	12	149	426
930	393	0	313	706	234	5	131	370
1000	363	5	271	639	279	9	123	411
1030	299	7	222	528	273	7	102	382
1100	394	13	216	623	347	6	130	483
1130	307	6	194	507	291	6	165	462
1200	351	10	148	509	383	3	163	549
1230	251	7	160	418	401	6	211	618
1300	363	7	218	588	361	16	167	544
1330	405	11	152	568	499	4	210	713
1400	292	13	182	487	344	6	192	542
1430	388	6	232	626	421	8	314	743
1500	398	9	182	589	562	12	340	914
1530	345	2	251	598	612	10	476	1,098
1600	351	4	366	721	677	3	690	1,370
1630	397	4	304	705	911	3	959	1,873
1700	434	4	319	757	1,270	2	1,134	2,406
1730	389	6	244	639	1,206	6	566	1,778
1800	411	3	247	661	750	2	366	1,118
TOTAL	9,698	150	8,237	18,085	10,939	138	7,426	18,503

Central Business District Cordon: 2000 Report

2. 99 Avenue E of Bellamy Hill

VEHICLE CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Other Bus	Total	EXITS Auto	Truck	ETS	Other Bus	Total
730	91	0		1	92					
800	192	1		0	193					
830	204	3		0	207					
900	163	1		1	165					
930	73	4		1	78					
1000	34	1		1	36					
1030	42	2		0	44					
1100	33	2		0	35					
1130	38	1		1	40					
1200	41	0		1	42					
1230	32	1		1	34					
1300	27	1		0	28					
1330	42	4		1	47					
1400	37	1		1	39					
1430	38	1		0	39					
1500	42	1		2	45					
1530	45	1		0	46					
1600	29	0		0	29					
1630	55	0		0	55					
1700	62	1		0	63					
1730	59	0		0	59					
1800	43	2		0	45					
TOTAL	1,422	28		11	1,461					

PERSON CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Total	EXITS Auto	Truck	ETS	Total
730	118	0		118				
800	250	2		252				
830	263	4		267				
900	195	1		196				
930	84	6		90				
1000	43	2		45				
1030	52	2		54				
1100	38	3		41				
1130	42	1		43				
1200	51	0		51				
1230	39	1		40				
1300	33	1		34				
1330	50	4		54				
1400	50	1		51				
1430	47	1		48				
1500	58	2		60				
1530	55	2		57				
1600	35	0		35				
1630	79	0		79				
1700	77	2		79				
1730	80	0		80				
1800	52	2		54				
TOTAL	1,791	37		1,828				

3. Bellamy Hill S of 98 Avenue

VEHICLE CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Other Bus	Total	EXITS Auto	Truck	ETS	Other Bus	Total
730	501	1	15	0	517	138	5	1	1	145
800	752	2	18	1	773	187	9	1	0	197
830	722	3	13	1	739	163	5	2	1	171
900	590	7	9	1	607	172	10	1	0	183
930	369	5	6	4	384	153	5	1	0	159
1000	198	3	5	0	206	136	4	1	0	141
1030	214	2	5	4	225	168	7	1	0	176
1100	205	2	5	0	212	169	2	1	0	172
1130	206	4	5	1	216	179	7	1	1	188
1200	240	1	5	2	248	219	5	1	1	226
1230	212	5	5	2	224	250	8	1	0	259
1300	210	4	5	1	220	210	8	1	2	221
1330	264	5	5	3	277	258	2	1	0	261
1400	201	3	5	1	210	241	4	1	3	249
1430	213	2	5	0	220	266	8	1	1	276
1500	224	3	5	5	237	268	9	1	0	278
1530	264	4	8	3	279	343	8	2	0	353
1600	237	3	8	3	251	323	6	3	0	332
1630	297	6	7	3	313	552	5	4	0	561
1700	295	0	8	0	303	703	2	4	0	709
1730	262	0	8	0	270	643	0	3	0	646
1800	264	1	8	0	273	499	2	2	0	503
TOTAL	6,940	66	163	35	7,204	6,240	121	35	10	6,406

PERSON CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Total	EXITS Auto	Truck	ETS	Total
730	560	1	392	953	157	7	4	168
800	828	2	636	1,466	209	11	7	227
830	766	3	474	1,243	187	6	16	209
900	627	8	242	877	206	10	5	221
930	388	5	128	521	178	5	0	183
1000	227	4	87	318	160	8	8	176
1030	244	2	82	328	198	7	6	211
1100	249	2	74	325	218	2	4	224
1130	248	4	64	316	216	10	7	233
1200	281	1	85	367	283	5	5	293
1230	240	5	111	356	325	10	4	339
1300	253	4	76	333	282	10	4	296
1330	304	5	68	377	336	4	13	353
1400	258	3	46	307	301	6	7	314
1430	261	3	95	359	355	11	7	373
1500	269	3	58	330	337	10	7	354
1530	304	4	121	429	436	15	41	492
1600	275	3	139	417	417	10	75	502
1630	327	6	85	418	722	8	104	834
1700	332	0	95	427	955	5	58	1,018
1730	314	0	116	430	835	0	79	914
1800	329	1	111	441	619	3	16	638
TOTAL	7,884	69	3,385	11,338	7,932	163	477	8,572

Central Business District Cordon: 2000 Report

4. 97 Avenue W of 104 Street

VEHICLE CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Other Bus	Total	EXITS Auto	Truck	ETS	Other Bus	Total
730	725	7		0	732	225	7		0	232
800	1,231	9	4	2	1,246	330	5		1	336
830	1,314	12		1	1,327	208	5		2	215
900	998	12		3	1,013	237	6		1	244
930	568	3		5	576	207	10		3	220
1000	464	7		1	472	205	13		2	220
1030	318	14		0	332	191	17		0	208
1100	385	7		1	393	184	7		1	192
1130	322	8		5	335	251	12		4	267
1200	383	5		1	389	289	9		0	298
1230	427	5		0	432	311	14		2	327
1300	476	5		4	485	251	8		2	261
1330	431	12		0	443	281	13		0	294
1400	391	4		1	396	286	21		3	310
1430	356	8		4	368	316	13		7	336
1500	422	6		1	429	344	9		1	354
1530	395	6		1	402	403	9		1	413
1600	451	5		4	460	485	9		2	496
1630	560	4		3	567	813	12	1	3	829
1700	558	1		0	559	1,004	6	1	2	1,013
1730	549	7		2	558	847	14		1	862
1800	576	6		1	583	565	3		2	570
TOTAL	12,300	153	4	40	12,497	8,233	222	2	40	8,497

PERSON CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Total	EXITS Auto	Truck	ETS	Total
730	853	8		861	257	8		265
800	1,499	12	122	1,633	369	6		375
830	1,503	12		1,515	238	6		244
900	1,177	12		1,189	295	9		304
930	677	6		683	228	13		241
1000	572	11		583	249	16		265
1030	385	19		404	207	18		225
1100	473	8		481	209	9		218
1130	395	9		404	326	19		345
1200	464	5		469	346	13		359
1230	507	6		513	375	21		396
1300	590	7		597	310	12		322
1330	543	13		556	347	15		362
1400	523	6		529	339	25		364
1430	434	10		444	375	15		390
1500	544	7		551	414	11		425
1530	496	6		502	511	11		522
1600	546	6		552	588	13		601
1630	665	7		672	1,003	14	29	1,046
1700	683	1		684	1,222	7	47	1,276
1730	678	11		689	1,027	15		1,042
1800	725	8		733	667	4		671
TOTAL	14,932	190	122	15,244	9,902	280	76	10,258

Central Business District Cordon: 2000 Report

6. 96 Avenue at 105 Street

VEHICLE CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Other Bus	Total	EXITS Auto	Truck	ETS	Other Bus	Total
730	613	1	4	2	620	4	0		0	4
800	1,083	2	0	3	1,088	6	0		0	6
830	1,065	6	5	1	1,077	3	0		0	3
900	846	3	3	2	854	1	1		0	2
930	523	11	1	0	535	53	2		1	56
1000	533	3	1	2	539	2	0		0	2
1030	382	12	1	1	396	3	1		0	4
1100	492	11	1	1	505	2	1		0	3
1130	526	2	1	2	531	2	0		0	2
1200	595	7	1	2	605	3	1		0	4
1230	533	7	1	1	542	7	1		0	8
1300	552	10	1	2	565	4	0		0	4
1330	605	7	1	0	613	7	0		0	7
1400	644	9	1	1	655	5	0		0	5
1430	502	7	1	1	511	7	0		0	7
1500	516	2	1	1	520	3	0		0	3
1530	507	4	1	2	514	4	0		0	4
1600	561	3	1	2	567	7	0		0	7
1630	598	4	2	1	605	6	0		0	6
1700	646	4	1	0	651	47	0		0	47
1730	593	4	1	1	599	13	0		0	13
1800	655	2	0	0	657	4	0		0	4
TOTAL	13,570	121	30	28	13,749	193	7		1	201

PERSON CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Total	EXITS Auto	Truck	ETS	Total
730	707	3	120	830	6	0		6
800	1,306	2	125	1,433	6	0		6
830	1,267	6	123	1,396	4	0		4
900	1,008	5	40	1,053	1	1		2
930	640	17	9	666	61	2		63
1000	631	3	8	642	3	0		3
1030	468	18	6	492	4	1		5
1100	605	13	4	622	3	1		4
1130	680	3	6	689	2	0		2
1200	779	11	7	797	5	1		6
1230	667	9	4	680	7	1		8
1300	721	13	6	740	4	0		4
1330	793	9	7	809	8	0		8
1400	822	15	5	842	7	0		7
1430	639	11	6	656	8	0		8
1500	661	2	7	670	4	0		4
1530	695	6	20	721	7	0		7
1600	729	5	11	745	9	0		9
1630	776	6	8	790	7	0		7
1700	837	6	4	847	56	0		56
1730	769	7	3	779	16	0		16
1800	882	4	0	886	5	0		5
TOTAL	17,082	174	529	17,785	233	7		240

Central Business District Cordon: 2000 Report

7. Fortway Drive W of High Level Bridge

VEHICLE CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Other Bus	Total	EXITS Auto	Truck	ETS	Other Bus	Total
730	68	1		0	69	8	0			8
800	149	0	1	1	151	10	0			10
830	121	0	1	0	122	9	0			9
900	46	0		0	46	17	1			18
930	25	0		0	25	6	0			6
1000	16	2		0	18	10	0			10
1030	12	0		0	12	8	0			8
1100	17	0		0	17	11	0			11
1130	10	0		0	10	8	0			8
1200	22	0		0	22	25	0			25
1230	20	0		0	20	24	0			24
1300	26	0		0	26	6	0			6
1330	47	0		0	47	15	0			15
1400	19	0		0	19	12	0			12
1430	16	0		0	16	7	0			7
1500	17	1		0	18	24	1			25
1530	22	0		0	22	22	0			22
1600	20	0		0	20	31	0			31
1630	17	1		0	18	76	1			77
1700	21	0		0	21	129	0	1		130
1730	14	0		0	14	97	0			97
1800	15	0		0	15	35	0			35
TOTAL	740	5	2	1	748	590	3	1		594

PERSON CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Total	EXITS Auto	Truck	ETS	Total
730	84	1		85	8	0		8
800	174	0	50	224	12	0		12
830	137	0	35	172	9	0		9
900	49	0		49	19	3		22
930	29	0		29	6	0		6
1000	17	3		20	11	0		11
1030	13	0		13	9	0		9
1100	20	0		20	12	0		12
1130	10	0		10	9	0		9
1200	24	0		24	25	0		25
1230	24	0		24	25	0		25
1300	33	0		33	6	0		6
1330	52	0		52	16	0		16
1400	21	0		21	13	0		13
1430	19	0		19	7	0		7
1500	21	1		22	29	1		30
1530	24	0		24	23	0		23
1600	23	0		23	38	0		38
1630	18	1		19	95	1		96
1700	25	0		25	154	0	45	199
1730	17	0		17	113	0		113
1800	20	0		20	39	0		39
TOTAL	854	6	85	945	678	5	45	728

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8. 109 Street S of 97 Avenue

VEHICLE CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Other Bus	Total	EXITS Auto	Truck	ETS	Other Bus	Total
730						503	7	6	2	518
800						844	3	7	3	857
830						816	3	6	0	825
900						750	5	8	1	764
930						660	5	5	2	672
1000						508	2	5	3	518
1030						522	7	5	2	536
1100						652	3	5	0	660
1130						620	7	5	2	634
1200						750	7	5	1	763
1230						783	6	5	3	797
1300						714	6	5	0	725
1330						713	6	5	0	724
1400						714	4	5	1	724
1430						824	8	5	2	839
1500						769	6	6	3	784
1530						868	3	8	1	880
1600						867	3	12	2	884
1630						1,036	4	14	0	1,054
1700						1,198	3	17	0	1,218
1730						1,214	3	15	1	1,233
1800						1,017	3	11	0	1,031
TOTAL						17,342	104	165	29	17,640

PERSON CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Total	EXITS Auto	Truck	ETS	Total
730					641	10	54	705
800					1,009	3	130	1,142
830					982	4	62	1,048
900					897	6	59	962
930					850	6	53	909
1000					625	4	32	661
1030					656	10	39	705
1100					799	4	45	848
1130					796	11	49	856
1200					988	9	67	1,064
1230					1,010	11	95	1,116
1300					925	7	110	1,042
1330					942	8	62	1,012
1400					897	5	94	996
1430					1,060	11	83	1,154
1500					1,028	6	128	1,162
1530					1,140	5	116	1,261
1600					1,085	4	300	1,389
1630					1,300	5	353	1,658
1700					1,510	6	577	2,093
1730					1,625	5	337	1,967
1800					1,302	7	253	1,562
TOTAL					22,067	147	3,098	25,312

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9. 99 Avenue E of 110 Street

VEHICLE CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Other Bus	Total	EXITS Auto	Truck	ETS	Other Bus	Total
730	56	1		0	57	41	0		0	41
800	56	0		0	56	48	0		0	48
830	94	1		0	95	84	2		0	86
900	74	2		1	77	70	1		0	71
930	40	2		1	43	43	2		1	46
1000	31	1		2	34	38	3		0	41
1030	20	1		0	21	56	1		0	57
1100	31	1		1	33	32	1		0	33
1130	40	0		0	40	35	0		0	35
1200	39	0		0	39	52	1		0	53
1230	42	1		1	44	67	0		0	67
1300	45	1		0	46	63	0		0	63
1330	40	3		1	44	48	1		0	49
1400	49	3		1	53	63	0		0	63
1430	46	1		0	47	50	0		0	50
1500	59	4		1	64	60	4		0	64
1530	76	0		1	77	59	1		0	60
1600	60	2		1	63	75	2		0	77
1630	98	1		1	100	74	1		0	75
1700	125	0		0	125	124	0		0	124
1730	104	1		0	105	129	0		1	130
1800	54	0		0	54	95	0		0	95
TOTAL	1,279	26		12	1,317	1,406	20		2	1,428

PERSON CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Total	EXITS Auto	Truck	ETS	Total
730	58	1		59	42	0		42
800	63	0		63	52	0		52
830	104	1		105	89	2		91
900	85	4		89	81	2		83
930	44	3		47	51	4		55
1000	36	5		41	43	3		46
1030	21	1		22	65	1		66
1100	33	1		34	37	2		39
1130	41	0		41	40	0		40
1200	56	0		56	68	2		70
1230	51	1		52	88	0		88
1300	47	1		48	73	0		73
1330	46	3		49	60	1		61
1400	60	3		63	76	0		76
1430	55	1		56	61	0		61
1500	73	7		80	81	7		88
1530	84	0		84	72	1		73
1600	69	2		71	99	2		101
1630	108	1		109	93	1		94
1700	145	0		145	153	0		153
1730	117	1		118	166	0		166
1800	65	0		65	111	0		111
TOTAL	1,461	36		1,497	1,701	28		1,729

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10. 100 Avenue E of 110 Street

VEHICLE CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Other Bus	Total	EXITS Auto	Truck	ETS	Other Bus	Total
730	162	3		0	165	124	1		0	125
800	286	0		0	286	272	1		1	274
830	313	8		1	322	247	6		2	255
900	228	4		0	232	234	1		0	235
930	140	2		2	144	162	2		3	167
1000	145	5		1	151	140	2		0	142
1030	130	5		2	137	167	4		1	172
1100	113	2		0	115	170	1		1	172
1130	163	4		1	168	161	4		0	165
1200	173	2		3	178	244	1		1	246
1230	341	5		1	347	238	4		0	242
1300	186	1		1	188	179	1		1	181
1330	216	0		0	216	189	4		0	193
1400	182	3		1	186	201	4		2	207
1430	178	3		0	181	165	7		0	172
1500	206	4		0	210	226	4		0	230
1530	185	3		2	190	219	4		2	225
1600	146	0		0	146	267	1		0	268
1630	243	5		0	248	450	3		2	455
1700	193	2		1	196	497	0		0	497
1730	209	0		2	211	531	2		4	537
1800	164	0		0	164	349	1		0	350
TOTAL	4,302	61		18	4,381	5,432	58		20	5,510

PERSON CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Total	EXITS Auto	Truck	ETS	Total
730	188	3		191	139	1		140
800	324	0		324	312	1		313
830	367	8		375	273	7		280
900	248	4		252	267	1		268
930	171	2		173	191	2		193
1000	169	6		175	170	2		172
1030	156	6		162	193	4		197
1100	133	2		135	204	1		205
1130	188	5		193	195	4		199
1200	222	2		224	313	1		314
1230	426	8		434	305	5		310
1300	227	1		228	222	1		223
1330	284	0		284	218	4		222
1400	226	4		230	235	4		239
1430	221	4		225	197	7		204
1500	255	7		262	282	4		286
1530	225	3		228	275	4		279
1600	184	0		184	315	1		316
1630	293	5		298	538	3		541
1700	244	3		247	603	0		603
1730	273	0		273	630	2		632
1800	210	0		210	427	1		428
TOTAL	5,234	73		5,307	6,504	60		6,564

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11. Jasper Avenue E of 110 Street

VEHICLE CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Other Bus	Total	EXITS Auto	Truck	ETS	Other Bus	Total
730	535	2	13	0	550	160	2	9	0	171
800	717	4	14	2	737	235	4	10	0	249
830	725	4	14	1	744	298	6	10	0	314
900	647	5	11	0	663	335	8	9	0	352
930	371	6	6	1	384	306	11	8	1	326
1000	312	9	6	0	327	289	12	6	1	308
1030	318	10	6	0	334	296	12	6	1	315
1100	333	4	6	0	343	328	23	6	2	359
1130	323	9	6	1	339	358	12	6	1	377
1200	358	5	6	0	369	408	8	7	2	425
1230	358	10	8	0	376	431	8	8	3	450
1300	408	10	8	2	428	388	11	9	3	411
1330	483	9	8	1	501	382	13	9	2	406
1400	391	13	8	0	412	443	13	9	2	467
1430	425	9	9	2	445	455	12	9	1	477
1500	260	9	10	1	280	423	5	9	0	437
1530	417	4	10	2	433	490	13	11	2	516
1600	424	4	10	0	438	445	10	13	1	469
1630	476	6	10	3	495	555	11	13	2	581
1700	433	2	10	0	445	711	5	13	1	730
1730	445	5	10	0	460	700	1	12	0	713
1800	392	2	8	1	403	517	0	10	0	527
TOTAL	9,551	141	197	17	9,906	8,953	200	202	25	9,380

PERSON CROSSINGS BY TIME OF DAY #REF!

Time Ending	ENTRIES Auto	Truck	ETS	Total	EXITS Auto	Truck	ETS	Total
730	653	2	359	1,014	183	2	128	313
800	871	4	597	1,472	274	5	243	522
830	850	6	628	1,484	335	7	253	595
900	740	6	329	1,075	370	11	258	639
930	434	8	153	595	364	13	124	501
1000	364	11	202	577	336	17	134	487
1030	407	13	141	561	387	13	102	502
1100	413	5	185	603	410	27	163	600
1130	398	12	161	571	433	12	136	581
1200	449	5	206	660	489	10	180	679
1230	468	12	220	700	529	9	232	770
1300	535	14	193	742	494	11	194	699
1330	591	16	187	794	481	18	187	686
1400	468	14	146	628	589	19	281	889
1430	551	12	182	745	594	17	253	864
1500	388	12	158	558	528	5	227	760
1530	519	6	252	777	602	16	333	951
1600	547	5	267	819	591	14	385	990
1630	593	6	233	832	661	13	494	1,168
1700	521	2	244	767	886	5	536	1,427
1730	540	7	197	744	898	1	379	1,278
1800	504	2	144	650	669	0	302	971
TOTAL	11,804	180	5,384	17,368	11,103	245	5,524	16,872

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12. 104 Avenue E of 111 Street

VEHICLE CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Other Bus	Total	EXITS Auto	Truck	ETS	Other Bus	Total
730	572	8	6	0	586	246	6	4	0	256
800	878	6	6	1	891	327	7	4	0	338
830	923	12	5	1	941	362	7	4	3	376
900	876	16	5	2	899	372	11	2	1	386
930	513	11	4	1	529	321	10	2	5	338
1000	464	19	2	0	485	359	15	3	2	379
1030	353	17	3	2	375	357	13	2	0	372
1100	432	11	2	2	447	371	12	3	1	387
1130	523	16	3	2	544	454	5	2	0	461
1200	471	10	2	1	484	551	11	3	1	566
1230	518	10	3	0	531	618	10	2	1	631
1300	542	19	2	3	566	509	10	3	2	524
1330	603	19	3	2	627	470	13	2	4	489
1400	588	9	2	2	601	610	8	3	1	622
1430	506	19	3	1	529	534	17	2	3	556
1500	524	11	2	4	541	669	22	4	5	700
1530	478	11	4	1	494	487	7	4	2	500
1600	478	11	4	1	494	580	7	4	2	593
1630	484	8	4	0	496	802	8	4	0	814
1700	579	4	3	1	587	1,090	7	6	3	1,106
1730	558	6	3	1	568	973	4	6	2	985
1800	498	5	3	1	507	747	5	3	0	755
TOTAL	12,361	258	74	29	12,722	11,809	215	72	38	12,134

PERSON CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Total	EXITS Auto	Truck	ETS	Total
730	677	10	172	859	266	8	38	312
800	1,034	6	253	1,293	358	7	57	422
830	1,079	14	199	1,292	387	10	44	441
900	1,015	17	168	1,200	426	13	32	471
930	613	14	60	687	356	10	18	384
1000	576	21	57	654	410	19	48	477
1030	425	21	58	504	422	15	37	474
1100	537	12	51	600	439	15	21	475
1130	663	21	56	740	558	5	22	585
1200	585	12	19	616	682	14	41	737
1230	696	12	45	753	776	11	48	835
1300	724	20	23	767	644	10	78	732
1330	811	20	39	870	596	16	34	646
1400	738	9	29	776	742	10	69	821
1430	643	24	50	717	641	22	80	743
1500	694	11	31	736	899	25	50	974
1530	608	13	54	675	589	7	129	725
1600	606	13	64	683	719	8	144	871
1630	614	8	49	671	1,004	11	167	1,182
1700	743	4	92	839	1,306	8	203	1,517
1730	731	7	38	776	1,194	4	155	1,353
1800	663	8	31	702	908	8	91	1,007
TOTAL	15,475	297	1,638	17,410	14,322	256	1,606	16,184

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VEHICLE CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Other Bus	Total	EXITS Auto	Truck	ETS	Other Bus	Total
730	483	4		1	488	252	0		1	253
800	578	3		1	582	345	0		0	345
830	644	3		0	647	332	0		0	332
900	700	5		0	705	303	1		0	304
930	411	6		2	419	261	4		0	265
1000	316	3		2	321	237	4		0	241
1030	331	5		1	337	226	3		1	230
1100	348	0		2	350	248	1		0	249
1130	317	1		1	319	237	2		3	242
1200	384	2		0	386	322	3		0	325
1230	387	5		3	395	343	2		0	345
1300	357	4		1	362	311	5		1	317
1330	365	2		1	368	299	1		1	301
1400	440	2		0	442	271	4		0	275
1430	401	4		0	405	271	4		0	275
1500	407	6		2	415	390	2		0	392
1530	467	4		1	472	378	4		2	384
1600	422	1		0	423	391	5		0	396
1630	555	0		1	556	472	2		1	475
1700	508	2		1	511	652	1		0	653
1730	467	3		1	471	565	1		1	567
1800	435	2		0	437	455	0		1	456
TOTAL	9,723	67		21	9,811	7,561	49		12	7,622

PERSON CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Total	EXITS Auto	Truck	ETS	Total
730	573	5		578	295	0		295
800	700	4		704	415	0		415
830	769	3		772	389	0		389
900	855	5		860	368	1		369
930	476	6		482	305	4		309
1000	396	4		400	284	4		288
1030	417	6		423	270	4		274
1100	418	0		418	313	1		314
1130	385	1		386	284	2		286
1200	521	3		524	411	3		414
1230	540	6		546	446	2		448
1300	471	5		476	396	5		401
1330	467	2		469	394	3		397
1400	564	3		567	368	4		372
1430	501	4		505	348	6		354
1500	540	7		547	510	3		513
1530	602	4		606	482	6		488
1600	553	1		554	520	7		527
1630	703	0		703	618	2		620
1700	643	2		645	840	1		841
1730	578	4		582	705	1		706
1800	576	2		578	574	0		574
TOTAL	12,248	77		12,325	9,535	59		9,594

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14. 105 Street S of 105 Avenue

VEHICLE CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Other Bus	Total	EXITS Auto	Truck	ETS	Other Bus	Total
730	240	7	5	1	253	166	2	3	0	171
800	465	8	6	1	480	412	5	3	5	425
830	551	8	5	3	567	420	8	4	1	433
900	462	9	3	0	474	393	6	3	2	404
930	213	13	3	2	231	324	15	3	1	343
1000	225	10	2	0	237	311	7	2	1	321
1030	176	9	3	2	190	226	10	3	0	239
1100	200	11	2	0	213	246	13	2	0	261
1130	186	13	3	2	204	284	12	3	1	300
1200	259	12	2	1	274	355	5	2	0	362
1230	253	7	3	1	264	337	9	3	0	349
1300	235	12	2	4	253	362	9	2	2	375
1330	263	8	3	1	275	337	7	3	1	348
1400	266	7	2	1	276	304	4	2	1	311
1430	366	12	3	0	381	347	12	4	1	364
1500	189	7	2	2	200	267	11	2	1	281
1530	294	6	3	5	308	339	15	4	4	362
1600	320	3	2	3	328	420	9	4	3	436
1630	298	5	3	4	310	410	8	4	0	422
1700	384	4	3	0	391	583	9	5	1	598
1730	256	4	3	1	264	554	2	3	0	559
1800	253	2	2	0	257	467	4	4	1	476
TOTAL	6,354	177	65	34	6,630	7,864	182	68	26	8,140

PERSON CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Total	EXITS Auto	Truck	ETS	Total
730	284	10	113	407	192	2	32	226
800	572	10	218	800	470	6	134	610
830	628	9	152	789	490	9	124	623
900	532	9	97	638	457	7	99	563
930	229	18	105	352	394	24	40	458
1000	241	13	55	309	375	10	51	436
1030	223	14	71	308	266	15	81	362
1100	238	13	40	291	302	16	29	347
1130	227	16	63	306	354	18	44	416
1200	307	13	55	375	464	7	39	510
1230	297	10	69	376	424	12	35	471
1300	296	13	45	354	450	13	40	503
1330	324	11	57	392	429	11	44	484
1400	310	11	42	363	396	6	28	430
1430	456	16	87	559	442	13	147	602
1500	224	9	82	315	335	15	40	390
1530	358	7	188	553	457	17	61	535
1600	396	4	120	520	536	11	129	676
1630	370	5	66	441	518	11	172	701
1700	456	5	70	531	762	9	149	920
1730	298	4	59	361	693	3	113	809
1800	279	2	50	331	572	5	115	692
TOTAL	7,545	222	1,904	9,671	9,778	240	1,746	11,764

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VEHICLE CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Other Bus	Total	EXITS Auto	Truck	ETS	Other Bus	Total
730	353	5	14	2	374	231	10	13	1	255
800	436	6	16	2	460	362	1	16	1	380
830	526	12	15	3	556	362	6	13	3	384
900	478	8	13	2	501	337	8	11	5	361
930	412	16	9	4	441	334	21	12	3	370
1000	278	13	9	3	303	289	11	8	1	309
1030	250	20	8	4	282	295	13	9	0	317
1100	276	16	8	4	304	314	12	8	1	335
1130	306	6	9	2	323	327	13	9	4	353
1200	302	9	7	2	320	390	21	9	3	423
1230	302	4	9	1	316	356	7	9	4	376
1300	371	9	8	7	395	375	6	8	6	395
1330	386	9	8	1	404	390	11	9	5	415
1400	369	13	11	2	395	334	21	8	2	365
1430	327	14	8	5	354	398	7	10	2	417
1500	350	9	12	2	373	388	7	12	3	410
1530	469	5	16	2	492	420	7	16	2	445
1600	374	7	15	0	396	442	5	17	1	465
1630	463	4	17	0	484	532	4	17	2	555
1700	462	3	14	5	484	650	9	20	6	685
1730	363	3	14	2	382	630	10	17	2	659
1800	312	2	10	6	330	508	6	13	2	529
TOTAL	8,165	193	250	61	8,669	8,664	216	264	59	9,203

PERSON CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Total	EXITS Auto	Truck	ETS	Total
730	477	6	356	839	268	11	236	515
800	592	9	406	1,007	412	1	395	808
830	694	14	316	1,024	433	7	476	916
900	601	15	269	885	411	8	381	800
930	530	19	153	702	430	22	149	601
1000	371	15	160	546	368	14	129	511
1030	324	26	124	474	375	15	148	538
1100	377	20	107	504	400	13	119	532
1130	427	10	149	586	417	23	160	600
1200	398	11	126	535	545	30	165	740
1230	424	4	194	622	480	7	238	725
1300	516	13	165	694	492	8	176	676
1330	542	15	140	697	497	16	191	704
1400	496	16	158	670	430	28	194	652
1430	431	19	190	640	529	7	236	772
1500	472	19	231	722	504	10	241	755
1530	608	7	587	1,202	563	11	353	927
1600	496	8	451	955	597	6	443	1,046
1630	620	4	379	1,003	705	5	406	1,116
1700	632	3	282	917	887	10	520	1,417
1730	505	4	214	723	841	12	471	1,324
1800	413	3	163	579	690	7	273	970
TOTAL	10,946	260	5,320	16,526	11,274	271	6,100	17,645

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16. 97 Street S of 105 Avenue

VEHICLE CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Other Bus	Total	EXITS Auto	Truck	ETS	Other Bus	Total
730	375	6	16	0	397	107	2	2	0	111
800	452	3	19	2	476	117	1	3	0	121
830	430	5	14	0	449	97	3	2	1	103
900	274	3	9	0	286	111	3	2	2	118
930	321	4	4	2	331	121	2	2	0	125
1000	204	3	4	0	211	147	8	3	0	158
1030	143	5	3	0	151	148	3	3	0	154
1100	174	11	4	0	189	158	2	3	0	163
1130	201	5	3	0	209	171	4	3	3	181
1200	169	3	4	0	176	187	4	3	0	194
1230	212	4	3	2	221	193	3	3	1	200
1300	240	5	4	0	249	171	4	3	1	179
1330	242	10	3	1	256	169	2	3	0	174
1400	240	2	4	0	246	174	3	4	0	181
1430	228	6	4	0	238	199	5	4	0	208
1500	218	3	4	0	225	234	2	4	1	241
1530	250	4	3	1	258	235	5	6	2	248
1600	234	2	4	1	241	328	7	9	0	344
1630	306	9	3	1	319	399	5	11	1	416
1700	313	3	4	0	320	487	0	14	0	501
1730	223	2	4	2	231	416	4	11	1	432
1800	225	1	3	0	229	286	4	7	0	297
TOTAL	5,674	99	123	12	5,908	4,655	76	105	13	4,849

PERSON CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Total	EXITS Auto	Truck	ETS	Total
730	476	8	617	1,101	129	2	8	139
800	591	3	740	1,334	130	1	9	140
830	573	5	501	1,079	115	3	8	126
900	325	3	222	550	133	6	18	157
930	411	5	121	537	148	2	12	162
1000	255	3	91	349	189	12	43	244
1030	192	7	102	301	193	3	28	224
1100	227	12	99	338	218	4	29	251
1130	278	6	49	333	219	6	53	278
1200	236	4	90	330	266	4	33	303
1230	292	4	64	360	277	4	54	335
1300	357	6	73	436	248	6	58	312
1330	356	12	52	420	238	2	55	295
1400	338	3	60	401	253	3	54	310
1430	320	9	52	381	279	8	68	355
1500	291	3	55	349	331	2	76	409
1530	358	6	36	400	333	5	129	467
1600	312	2	36	350	453	9	259	721
1630	380	11	41	432	537	6	322	865
1700	418	4	27	449	667	0	395	1,062
1730	267	2	54	323	569	5	233	807
1800	310	1	13	324	403	4	125	532
TOTAL	7,563	119	3,195	10,877	6,328	97	2,069	8,494

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17. 103A Avenue E of 97 Street

VEHICLE CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Other Bus	Total	EXITS Auto	Truck	ETS	Other Bus	Total
730	193	4		0	197	111	3		0	114
800	357	14		1	372	152	4		2	158
830	292	13		3	308	184	4		2	190
900	260	10		2	272	188	8		1	197
930	151	10		0	161	147	7		0	154
1000	209	9		0	218	149	7		1	157
1030	156	10		0	166	148	8		0	156
1100	103	3		2	108	187	3		1	191
1130	170	9		0	179	222	5		0	227
1200	168	11		1	180	182	8		0	190
1230	205	6		0	211	216	15		0	231
1300	212	14		3	229	220	6		1	227
1330	205	15		0	220	235	9		0	244
1400	145	11		2	158	234	12		0	246
1430	202	11		0	213	251	10		2	263
1500	228	4		2	234	217	7		1	225
1530	209	10		0	219	263	3		0	266
1600	211	7		1	219	267	4		1	272
1630	243	5		2	250	335	8		2	345
1700	305	4		1	310	388	6		1	395
1730	182	3		1	186	379	4		1	384
1800	150	3		0	153	232	4		0	236
TOTAL	4,556	186		21	4,763	4,907	145		16	5,068

PERSON CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Total	EXITS Auto	Truck	ETS	Total
730	232	6		238	126	3		129
800	417	16		433	175	8		183
830	326	13		339	210	4		214
900	294	11		305	216	11		227
930	182	10		192	164	10		174
1000	258	11		269	190	7		197
1030	186	13		199	192	9		201
1100	136	3		139	230	5		235
1130	202	9		211	280	6		286
1200	203	13		216	239	19		258
1230	244	13		257	263	17		280
1300	263	15		278	287	9		296
1330	247	17		264	284	12		296
1400	180	12		192	305	26		331
1430	260	20		280	314	12		326
1500	294	4		298	296	11		307
1530	246	10		256	348	3		351
1600	267	8		275	330	5		335
1630	278	6		284	425	10		435
1700	358	4		362	486	7		493
1730	221	3		224	476	7		483
1800	183	3		186	299	4		303
TOTAL	5,477	220		5,697	6,135	205		6,340

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18. 103 Avenue E of 97 Street

VEHICLE CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Other Bus	Total	EXITS Auto	Truck	ETS	Other Bus	Total
730	6	0		0	6	14	0		0	14
800	4	0		0	4	12	0		0	12
830	4	0		0	4	21	0		0	21
900	5	0		0	5	50	1		0	51
930	4	0		0	4	64	2		0	66
1000	18	0		1	19	34	0		0	34
1030	19	3		0	22	27	1		0	28
1100	32	1		0	33	16	1		0	17
1130	20	3		0	23	23	3		0	26
1200	17	0		0	17	24	1		0	25
1230	21	0		0	21	27	1		0	28
1300	18	0		0	18	42	0		0	42
1330	26	1		0	27	43	3		0	46
1400	26	1		0	27	55	1		0	56
1430	28	0		0	28	42	3		0	45
1500	28	0		0	28	36	1		0	37
1530	42	0		0	42	26	1		0	27
1600	26	1		0	27	30	0		0	30
1630	23	0		0	23	20	0		0	20
1700	31	0		0	31	22	1		0	23
1730	15	0		0	15	8	0		0	8
1800	12	0		0	12	3	0		0	3
TOTAL	425	10		1	436	639	20		0	659

PERSON CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Total	EXITS Auto	Truck	ETS	Total
730	6	0		6	16	0		16
800	6	0		6	14	0		14
830	5	0		5	24	0		24
900	9	0		9	67	1		68
930	5	0		5	78	2		80
1000	20	0		20	46	0		46
1030	28	5		33	36	2		38
1100	42	2		44	27	1		28
1130	27	3		30	30	4		34
1200	23	0		23	31	1		32
1230	31	0		31	31	1		32
1300	25	0		25	50	0		50
1330	39	2		41	63	4		67
1400	32	1		33	74	2		76
1430	34	0		34	54	4		58
1500	37	0		37	49	1		50
1530	60	0		60	36	2		38
1600	38	2		40	41	0		41
1630	26	0		26	25	0		25
1700	35	0		35	31	1		32
1730	16	0		16	9	0		9
1800	20	0		20	4	0		4
TOTAL	564	15		579	836	26		862

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19. 102A Avenue E of 97 Street

VEHICLE CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Other Bus	Total	EXITS Auto	Truck	ETS	Other Bus	Total
730	205	2	8	0	215					
800	459	3	8	0	470					
830	356	0	8	1	365					
900	281	2	6	0	289					
930	160	5	4	1	170					
1000	147	4	5	0	156					
1030	122	2	4	0	128					
1100	139	6	5	0	150					
1130	136	9	4	0	149					
1200	143	5	5	0	153					
1230	127	4	4	2	137					
1300	123	5	5	0	133					
1330	147	5	4	0	156					
1400	155	7	5	1	168					
1430	150	7	4	1	162					
1500	137	7	6	0	150					
1530	165	5	10	2	182					
1600	162	5	8	0	175					
1630	187	6	7	1	201					
1700	230	5	7	0	242					
1730	160	2	6	1	169					
1800	115	0	6	0	121					
TOTAL	4,006	96	129	10	4,241					

PERSON CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Total	EXITS Auto	Truck	ETS	Total
730	275	3	168	446				
800	567	6	280	853				
830	452	0	233	685				
900	344	2	137	483				
930	217	5	103	325				
1000	194	4	91	289				
1030	169	2	92	263				
1100	190	8	93	291				
1130	190	11	90	291				
1200	171	5	73	249				
1230	180	5	81	266				
1300	166	7	85	258				
1330	217	5	113	335				
1400	200	8	94	302				
1430	214	8	125	347				
1500	181	11	101	293				
1530	211	7	399	617				
1600	200	7	134	341				
1630	223	7	111	341				
1700	289	5	103	397				
1730	191	2	45	238				
1800	137	0	73	210				
TOTAL	5,178	118	2,824	8,120				

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20. 102 Avenue E of 97 Street

VEHICLE CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Other Bus	Total	EXITS Auto	Truck	ETS	Other Bus	Total
730						71	0	7	0	78
800						134	1	9	0	144
830						97	0	9	0	106
900						114	1	6	0	121
930						94	0	7	0	101
1000						77	0	4	0	81
1030						77	0	5	0	82
1100						116	0	4	0	120
1130						84	4	5	0	93
1200						114	1	4	0	119
1230						100	3	5	0	108
1300						107	0	4	0	111
1330						104	1	5	0	110
1400						126	2	4	0	132
1430						118	1	5	0	124
1500						133	2	5	0	140
1530						148	0	7	0	155
1600						154	5	7	0	166
1630						183	2	8	0	193
1700						257	0	8	0	265
1730						300	2	8	0	310
1800						138	0	7	0	145
TOTAL						2,846	25	133	0	3,004

PERSON CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Total	EXITS Auto	Truck	ETS	Total
730					81	0	56	137
800					147	1	296	444
830					113	0	220	333
900					130	1	63	194
930					116	0	46	162
1000					104	0	70	174
1030					103	1	45	149
1100					156	1	83	240
1130					118	4	70	192
1200					154	1	92	247
1230					139	3	95	237
1300					142	1	105	248
1330					144	3	67	214
1400					165	4	67	236
1430					165	1	126	292
1500					168	2	100	270
1530					212	0	157	369
1600					207	7	189	403
1630					251	3	170	424
1700					356	0	278	634
1730					389	3	206	598
1800					170	1	88	259
TOTAL					3,730	37	2,689	6,456

21. 101A Avenue E of 97 Street

VEHICLE CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Other Bus	Total	EXITS Auto	Truck	ETS	Other Bus	Total
730	5	0		0	5	45	0		0	45
800	9	0		0	9	62	0		0	62
830	16	1		0	17	44	0		0	44
900	25	0		0	25	46	0		0	46
930	17	1		0	18	40	0		0	40
1000	25	1		0	26	29	0		0	29
1030	19	1		0	20	24	0		0	24
1100	18	1		0	19	28	0		0	28
1130	21	0		0	21	18	0		0	18
1200	22	1		0	23	29	0		0	29
1230	28	1		0	29	35	0		0	35
1300	32	0		0	32	50	1		0	51
1330	38	3		0	41	30	1		0	31
1400	33	2		0	35	33	0		0	33
1430	39	0		0	39	37	0		0	37
1500	40	0		0	40	32	0		0	32
1530	35	3		0	38	28	0		0	28
1600	50	0		0	50	38	0		0	38
1630	54	1		0	55	39	0		0	39
1700	75	1		0	76	25	1		0	26
1730	43	0		0	43	8	0		0	8
1800	26	0		0	26	15	0		0	15
TOTAL	670	17		0	687	735	3		0	738

PERSON CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Total	EXITS Auto	Truck	ETS	Total
730	9	0		9	45	0		45
800	11	0		11	62	0		62
830	18	1		19	44	0		44
900	29	0		29	46	0		46
930	22	1		23	40	0		40
1000	30	1		31	29	0		29
1030	25	1		26	24	0		24
1100	23	1		24	28	0		28
1130	23	0		23	18	0		18
1200	30	1		31	29	0		29
1230	34	1		35	35	0		35
1300	46	0		46	50	1		51
1330	49	4		53	30	1		31
1400	44	3		47	33	0		33
1430	53	0		53	37	0		37
1500	57	0		57	32	0		32
1530	51	3		54	29	0		29
1600	67	0		67	38	0		38
1630	69	1		70	39	0		39
1700	92	2		94	25	1		26
1730	50	0		50	8	0		8
1800	30	0		30	15	0		15
TOTAL	862	20		882	736	3		739

22. Jasper Avenue E of 97 Street

VEHICLE CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Other Bus	Total	EXITS Auto	Truck	ETS	Other Bus	Total
730	267	2	2	0	271	141	1	2	0	144
800	479	3	2	0	484	164	2	2	0	168
830	474	3	2	3	482	136	3	2	1	142
900	363	5	2	2	372	123	2	2	2	129
930	198	5	1	1	205	144	5	1	1	151
1000	188	7	1	1	197	127	6	1	0	134
1030	165	11	1	0	177	134	7	1	1	143
1100	186	8	1	1	196	159	3	1	0	163
1130	179	10	1	1	191	149	4	1	0	154
1200	183	4	1	3	191	182	8	1	1	192
1230	210	6	1	1	218	194	9	1	0	204
1300	214	9	1	1	225	153	10	1	0	164
1330	235	5	1	4	245	184	7	1	0	192
1400	236	5	1	2	244	200	7	1	1	209
1430	219	2	2	1	224	187	3	1	3	194
1500	200	6	2	2	210	216	7	2	0	225
1530	195	5	2	1	203	263	7	2	0	272
1600	190	8	2	1	201	227	7	2	0	236
1630	230	1	2	0	233	339	5	2	0	346
1700	211	1	2	1	215	462	2	2	0	466
1730	198	4	2	0	204	402	5	2	0	409
1800	167	6	1	1	175	248	3	2	0	253
TOTAL	5,187	116	33	27	5,363	4,534	113	33	10	4,690

PERSON CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Total	EXITS Auto	Truck	ETS	Total
730	355	3	38	396	157	1	3	161
800	657	3	52	712	178	2	8	188
830	624	3	49	676	143	3	7	153
900	472	8	31	511	143	2	2	147
930	248	6	6	260	177	6	8	191
1000	255	11	25	291	153	7	0	160
1030	217	17	20	254	168	8	0	176
1100	243	10	15	268	201	3	8	212
1130	241	13	22	276	195	5	8	208
1200	259	4	10	273	237	9	4	250
1230	297	6	10	313	258	9	12	279
1300	307	11	13	331	193	13	10	216
1330	352	8	30	390	231	11	5	247
1400	342	6	13	361	270	10	6	286
1430	311	3	16	330	240	4	8	252
1500	271	8	30	309	281	8	24	313
1530	264	5	18	287	337	9	23	369
1600	248	9	22	279	302	7	38	347
1630	300	1	14	315	439	9	27	475
1700	282	1	15	298	606	2	20	628
1730	268	8	24	300	536	6	38	580
1800	221	6	4	231	306	4	19	329
TOTAL	7,034	150	477	7,661	5,751	138	278	6,167

23. LRT N of Churchill Stn

VEHICLE CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Other Bus	Total	EXITS Auto	Truck	ETS	Other Bus	Total
730			6		6			5		5
800			6		6			6		6
830			6		6			6		6
900			5		5			6		6
930			3		3			3		3
1000			3		3			3		3
1030			3		3			3		3
1100			3		3			3		3
1130			3		3			3		3
1200			3		3			3		3
1230			3		3			3		3
1300			3		3			3		3
1330			3		3			3		3
1400			3		3			3		3
1430			3		3			3		3
1500			3		3			3		3
1530			6		6			4		4
1600			6		6			6		6
1630			6		6			6		6
1700			6		6			6		6
1730			4		4			6		6
1800			3		3			4		4
TOTAL			90		90			91		91

PERSON CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Total	EXITS Auto	Truck	ETS	Total
730			962	962			115	115
800			1,877	1,877			58	58
830			1,261	1,261			83	83
900			1,053	1,053			85	85
930			510	510			66	66
1000			285	285			90	90
1030			350	350			120	120
1100			303	303			88	88
1130			220	220			217	217
1200			241	241			175	175
1230			262	262			242	242
1300			195	195			257	257
1330			222	222			299	299
1400			192	192			288	288
1430			203	203			479	479
1500			177	177			434	434
1530			198	198			664	664
1600			210	210			1,015	1,015
1630			195	195			1,225	1,225
1700			171	171			1,195	1,195
1730			104	104			915	915
1800			153	153			458	458
TOTAL			9,344	9,344			8,568	8,568

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VEHICLE CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Other Bus	Total	EXITS Auto	Truck	ETS	Other Bus	Total
730			6		6			6		6
800			6		6			6		6
830			6		6			6		6
900			5		5			5		5
930			3		3			3		3
1000			3		3			3		3
1030			3		3			3		3
1100			3		3			3		3
1130			3		3			3		3
1200			3		3			3		3
1230			3		3			3		3
1300			3		3			3		3
1330			3		3			3		3
1400			3		3			3		3
1430			3		3			3		3
1500			3		3			3		3
1530			5		5			6		6
1600			6		6			6		6
1630			6		6			6		6
1700			6		6			6		6
1730			6		6			5		5
1800			3		3			2		2
TOTAL			91		91			90		90

PERSON CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Total	EXITS Auto	Truck	ETS	Total
730			131	131			336	336
800			186	186			961	961
830			220	220			358	358
900			125	125			448	448
930			119	119			757	757
1000			125	125			199	199
1030			110	110			305	305
1100			101	101			397	397
1130			242	242			162	162
1200			145	145			166	166
1230			220	220			305	305
1300			207	207			235	235
1330			328	328			159	159
1400			210	210			210	210
1430			459	459			192	192
1500			258	258			157	157
1530			599	599			236	236
1600			416	416			249	249
1630			539	539			225	225
1700			477	477			262	262
1730			425	425			214	214
1800			298	298			112	112
TOTAL			5,940	5,940			6,645	6,645

Central Business District Cordon: 2000 Report

VEHICLE CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Other Bus	Total	EXITS Auto	Truck	ETS	Other Bus	Total
730										
800										
830										
900										
930										
1000										
1030										
1100										
1130										
1200										
1230										
1300										
1330										
1400										
1430										
1500										
1530										
1600						7	0	0	0	7
1630						6	0	0	0	6
1700						28	0	0	0	28
1730						15	0	0	0	15
1800						8	0	0	0	8
TOTAL						64	0	0	0	64

PERSON CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Total	EXITS Auto	Truck	ETS	Total
730								
800								
830								
900								
930								
1000								
1030								
1100								
1130								
1200								
1230								
1300								
1330								
1400								
1430								
1500								
1530								
1600					8	0	0	8
1630					6	0	0	6
1700					30	0	0	30
1730					16	0	0	16
1800					9	0	0	9
TOTAL					69	0	0	69

26. 108 Street S of 105 Avenue

VEHICLE CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Other Bus	Total	EXITS Auto	Truck	ETS	Other Bus	Total
730	31	0		0	31	24	1		0	25
800	74	0		0	74	52	0		0	52
830	45	0		0	45	45	0		1	46
900	36	1		1	38	34	0		1	35
930	45	0		0	45	37	0		0	37
1000	20	0		0	20	29	0		0	29
1030	24	1		1	26	17	0		0	17
1100	24	2		0	26	24	2		0	26
1130	16	0		0	16	19	0		0	19
1200	25	0		0	25	27	0		0	27
1230	52	1		0	53	44	0		1	45
1300	30	0		2	32	40	0		2	42
1330	29	0		0	29	40	0		0	40
1400	38	0		0	38	52	0		1	53
1430	38	0		0	38	36	3		0	39
1500	29	0		0	29	30	0		0	30
1530	38	0		1	39	45	0		0	45
1600	47	0		0	47	38	0		0	38
1630	50	0		1	51	52	0		1	53
1700	61	0		1	62	58	0		0	58
1730	49	0		0	49	34	0		0	34
1800	37	0		0	37	61	0		0	61
TOTAL	838	5		7	850	838	6		7	851

PERSON CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Total	EXITS Auto	Truck	ETS	Total
730	38	0		38	30	1		31
800	89	0		89	66	0		66
830	50	0		50	51	0		51
900	36	1		37	35	0		35
930	49	0		49	43	0		43
1000	21	0		21	32	0		32
1030	27	3		30	20	0		20
1100	28	4		32	28	4		32
1130	19	0		19	20	0		20
1200	32	0		32	34	0		34
1230	60	1		61	57	0		57
1300	36	0		36	52	0		52
1330	35	0		35	53	0		53
1400	42	0		42	59	0		59
1430	42	0		42	44	5		49
1500	35	0		35	38	0		38
1530	49	0		49	55	0		55
1600	61	0		61	52	0		52
1630	61	0		61	72	0		72
1700	72	0		72	70	0		70
1730	55	0		55	39	0		39
1800	38	0		38	78	0		78
TOTAL	975	9		984	1,028	10		1,038

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27. 107A Street S of 105 Avenue

VEHICLE CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Other Bus	Total	EXITS Auto	Truck	ETS	Other Bus	Total
730	21	0		0	21	6	0		0	6
800	56	0		0	56	0	0		0	0
830	47	0		0	47	2	0		0	2
900	67	0		0	67	4	0		0	4
930	25	0		0	25	8	0		0	8
1000	22	0		0	22	11	0		0	11
1030	14	0		0	14	6	0		0	6
1100	20	0		0	20	9	0		0	9
1130	12	0		0	12	11	0		0	11
1200	16	0		0	16	17	0		0	17
1230	19	0		0	19	27	0		0	27
1300	28	0		0	28	16	0		0	16
1330	19	0		0	19	10	0		0	10
1400	26	0		0	26	22	0		0	22
1430	6	0		0	6	24	0		0	24
1500	11	0		0	11	20	0		0	20
1530	14	0		0	14	29	1		0	30
1600	10	0		0	10	37	1		0	38
1630	13	0		0	13	39	0		0	39
1700	27	0		0	27	53	0		0	53
1730	56	0		0	56	32	0		0	32
1800	147	0		0	147	23	0		0	23
TOTAL	676	0		0	676	406	2		0	408

PERSON CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Total	EXITS Auto	Truck	ETS	Total
730	22	0		22	7	0		7
800	64	0		64	0	0		0
830	49	0		49	2	0		2
900	75	0		75	4	0		4
930	26	0		26	8	0		8
1000	25	0		25	11	0		11
1030	16	0		16	7	0		7
1100	22	0		22	10	0		10
1130	12	0		12	17	0		17
1200	19	0		19	24	0		24
1230	21	0		21	35	0		35
1300	34	0		34	21	0		21
1330	26	0		26	11	0		11
1400	27	0		27	25	0		25
1430	6	0		6	28	0		28
1500	12	0		12	25	0		25
1530	16	0		16	31	2		33
1600	10	0		10	40	1		41
1630	14	0		14	46	0		46
1700	28	0		28	61	0		61
1730	61	0		61	34	0		34
1800	161	0		161	24	0		24
TOTAL	746	0		746	471	3		474

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28. 107 Street S of 105 Avenue

VEHICLE CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Other Bus	Total	EXITS Auto	Truck	ETS	Other Bus	Total
730	13	1		0	14	5	0		0	5
800	18	0		0	18	11	0		0	11
830	17	1		0	18	8	0		0	8
900	6	0		0	6	7	2		0	9
930	9	0		0	9	9	4		0	13
1000	6	0		0	6	4	4		0	8
1030	6	0		0	6	6	0		0	6
1100	10	1		0	11	15	1		0	16
1130	17	2		0	19	11	0		0	11
1200	4	0		0	4	3	0		0	3
1230	16	0		0	16	13	1		0	14
1300	8	0		0	8	10	0		0	10
1330	12	0		0	12	11	1		0	12
1400	7	0		0	7	13	0		0	13
1430	14	0		0	14	17	0		1	18
1500	12	0		0	12	8	1		0	9
1530	11	0		0	11	15	0		0	15
1600	9	0		0	9	8	0		0	8
1630	7	0		0	7	18	1		0	19
1700	6	0		0	6	16	0		0	16
1730	8	0		0	8	18	0		0	18
1800	5	0		0	5	16	0		0	16
TOTAL	221	5		0	226	242	15		1	258

PERSON CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Total	EXITS Auto	Truck	ETS	Total
730	19	2		21	5	0		5
800	31	1		32	15	0		15
830	25	1		26	11	0		11
900	9	0		9	8	2		10
930	13	0		13	12	4		16
1000	9	0		9	4	4		8
1030	9	0		9	8	0		8
1100	12	1		13	18	1		19
1130	20	2		22	12	0		12
1200	5	0		5	5	0		5
1230	23	0		23	16	1		17
1300	9	0		9	12	0		12
1330	14	0		14	14	1		15
1400	10	0		10	16	0		16
1430	16	0		16	22	0		22
1500	13	0		13	10	1		11
1530	11	0		11	19	0		19
1600	10	0		10	13	0		13
1630	10	0		10	30	1		31
1700	9	0		9	28	0		28
1730	11	0		11	25	0		25
1800	9	0		9	26	0		26
TOTAL	297	7		304	329	15		344

29. 106 Street S of 105 Avenue

VEHICLE CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Other Bus	Total	EXITS Auto	Truck	ETS	Other Bus	Total
730	16	2		0	18	12	0		0	12
800	53	0		0	53	39	0		0	39
830	31	0		0	31	16	0		0	16
900	34	4		0	38	16	0		0	16
930	29	3		0	32	25	0		0	25
1000	8	1		0	9	9	1		0	10
1030	11	1		0	12	9	1		0	10
1100	14	1		0	15	18	1		0	19
1130	12	0		0	12	10	1		0	11
1200	9	0		0	9	8	0		0	8
1230	23	1		0	24	22	0		0	22
1300	13	1		0	14	18	0		0	18
1330	11	1		0	12	8	0		0	8
1400	16	0		0	16	20	1		0	21
1430	19	1		0	20	18	0		0	18
1500	10	0		0	10	19	0		0	19
1530	10	0		0	10	13	2		0	15
1600	10	0		0	10	12	0		0	12
1630	21	1		0	22	24	0		0	24
1700	18	0		0	18	33	0		0	33
1730	15	1		0	16	29	0		0	29
1800	29	0		0	29	29	1		0	30
TOTAL	412	18		0	430	407	8		0	415

PERSON CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Total	EXITS Auto	Truck	ETS	Total
730	26	2		28	13	0		13
800	85	0		85	47	0		47
830	47	0		47	19	0		19
900	47	5		52	20	0		20
930	42	3		45	32	0		32
1000	11	1		12	11	1		12
1030	17	1		18	11	1		12
1100	15	1		16	22	1		23
1130	16	0		16	12	1		13
1200	12	0		12	11	0		11
1230	37	1		38	33	0		33
1300	19	1		20	26	0		26
1330	14	1		15	12	0		12
1400	18	0		18	28	1		29
1430	21	1		22	28	0		28
1500	12	0		12	26	0		26
1530	11	0		11	19	2		21
1600	14	0		14	17	0		17
1630	25	1		26	38	0		38
1700	23	0		23	49	0		49
1730	20	1		21	47	0		47
1800	41	0		41	45	1		46
TOTAL	573	19		592	566	8		574

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30. 101A Avenue E of 110 Street

VEHICLE CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Other Bus	Total	EXITS Auto	Truck	ETS	Other Bus	Total
730	7	0		0	7	5	0		0	5
800	16	0		0	16	3	0		0	3
830	9	0		0	9	9	0		0	9
900	16	0		0	16	15	2		0	17
930	15	0		0	15	16	1		0	17
1000	17	0		0	17	17	1		0	18
1030	21	1		0	22	14	0		0	14
1100	26	1		0	27	14	0		0	14
1130	23	0		0	23	31	0		0	31
1200	36	0		1	37	27	3		0	30
1230	50	1		0	51	33	0		0	33
1300	42	0		0	42	50	1		0	51
1330	31	0		0	31	33	0		0	33
1400	37	0		0	37	43	0		0	43
1430	35	1		0	36	33	2		0	35
1500	26	0		0	26	39	0		0	39
1530	36	0		0	36	37	0		0	37
1600	26	0		0	26	51	2		0	53
1630	32	0		0	32	53	0		0	53
1700	50	0		0	50	77	0		0	77
1730	70	1		0	71	71	0		0	71
1800	60	0		0	60	78	0		0	78
TOTAL	681	5		1	687	749	12		0	761

PERSON CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Total	EXITS Auto	Truck	ETS	Total
730	10	0		10	7	0		7
800	23	0		23	3	0		3
830	11	0		11	9	0		9
900	17	0		17	16	2		18
930	18	0		18	19	1		20
1000	19	0		19	27	1		28
1030	24	2		26	16	0		16
1100	31	3		34	15	0		15
1130	31	0		31	37	0		37
1200	43	0		43	32	3		35
1230	69	1		70	50	0		50
1300	47	0		47	64	1		65
1330	39	0		39	40	0		40
1400	48	0		48	58	0		58
1430	43	1		44	43	2		45
1500	32	0		32	53	0		53
1530	50	0		50	50	0		50
1600	33	0		33	67	2		69
1630	41	0		41	73	0		73
1700	62	0		62	102	0		102
1730	100	1		101	94	0		94
1800	87	0		87	102	0		102
TOTAL	878	8		886	977	12		989

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TOTAL DOWNTOWN CORDON AREA

VEHICLE CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Other Bus	Total	EXITS Auto	Truck	ETS	Other Bus	Total
730	6,019	65	122	8	6,214	2,893	48	73	6	3,020
800	9,569	65	142	17	9,793	4,385	46	86	13	4,530
830	9,714	100	128	22	9,964	4,181	64	78	17	4,340
900	8,054	106	93	23	8,276	4,146	85	63	16	4,310
930	4,980	107	57	29	5,173	3,732	113	55	22	3,922
1000	4,183	106	51	14	4,354	3,387	107	48	14	3,556
1030	3,480	138	49	18	3,685	3,347	115	50	6	3,518
1100	3,923	111	49	16	4,099	3,740	93	48	8	3,889
1130	4,009	107	51	20	4,187	3,885	100	51	20	4,056
1200	4,347	87	48	19	4,501	4,685	100	50	11	4,846
1230	4,589	89	53	17	4,748	4,979	107	53	15	5,154
1300	4,671	117	51	35	4,874	4,527	99	51	23	4,700
1330	5,053	124	52	17	5,246	4,629	99	54	16	4,798
1400	4,783	105	54	17	4,959	4,730	114	52	18	4,914
1430	4,646	113	56	16	4,831	4,927	120	57	24	5,128
1500	4,473	92	60	28	4,653	5,218	108	65	17	5,408
1530	4,902	77	82	27	5,088	5,596	98	88	19	5,801
1600	4,778	65	78	17	4,938	6,046	85	106	14	6,251
1630	5,626	70	80	22	5,798	7,975	83	121	14	8,193
1700	5,958	40	85	11	6,094	10,279	54	135	14	10,482
1730	5,220	51	75	17	5,363	9,551	58	108	17	9,734
1800	4,959	37	59	10	5,065	6,983	38	80	6	7,107
TOTAL	117,936	1,972	1,575	420	121,903	113,821	1,934	1,572	330	117,657

PERSON CROSSINGS BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS	Total	EXITS Auto	Truck	ETS	Total
730	7,298	83	4,358	11,739	3,367	57	1,339	4,763
800	11,712	81	6,914	18,707	5,030	55	2,603	7,688
830	11,552	113	5,314	16,979	4,818	76	1,855	6,749
900	9,455	129	3,304	12,888	4,881	109	1,599	6,589
930	5,941	134	1,780	7,855	4,485	135	1,404	6,024
1000	5,103	134	1,457	6,694	4,109	138	927	5,174
1030	4,344	186	1,378	5,908	4,103	134	1,013	5,250
1100	4,897	137	1,288	6,322	4,646	117	1,116	5,879
1130	5,070	132	1,316	6,518	4,879	136	1,093	6,108
1200	5,521	100	1,205	6,826	6,064	135	1,130	7,329
1230	5,918	113	1,440	7,471	6,385	130	1,571	8,086
1300	6,118	139	1,299	7,556	5,804	124	1,434	7,362
1330	6,600	158	1,395	8,153	5,943	134	1,326	7,403
1400	6,109	131	1,177	7,417	6,023	159	1,490	7,672
1430	5,966	153	1,697	7,816	6,292	153	1,993	8,438
1500	5,832	122	1,370	7,324	6,822	134	1,824	8,780
1530	6,250	91	2,723	9,064	7,238	126	2,718	10,082
1600	6,070	79	2,236	8,385	7,759	110	3,916	11,785
1630	6,990	80	2,024	9,094	10,156	106	4,653	14,915
1700	7,440	48	1,899	9,387	13,115	64	5,419	18,598
1730	6,549	68	1,523	8,140	12,191	70	3,706	15,967
1800	6,366	45	1,287	7,698	8,814	51	2,218	11,083
TOTAL	147,101	2,456	48,384	197,941	142,924	2,453	46,347	191,724

Central Business District Cordon: 2000 Summary Report

TOTAL DOWNTOWN CORDON AREA

VEHICLE CROSSINGS BY CORDON STATION

	------- ENTRIES -------					--------- EXITS ----------				
Station	Auto	Truck	ETS	Other Bus	Total	Auto	Truck	ETS	Other Bus	Total
1	7,883	119	324	34	8,360	8,512	112	311	21	8,956
2	1,422	28		11	1,461					
3	6,940	66	163	35	7,204	6,240	121	35	10	6,406
4	12,300	153	4	40	12,497	8,233	222	2	40	8,497
6	13,570	121	30	28	13,749	193	7		1	201
7	740	5	2	1	748	590	3	1	0	594
8						17,342	104	165	29	17,640
9	1,279	26		12	1,317	1,406	20		2	1,428
10	4,302	61		18	4,381	5,432	58		20	5,510
11	9,551	141	197	17	9,906	8,953	200	202	25	9,380
12	12,361	258	74	29	12,722	11,809	215	72	38	12,134
13	9,723	67		21	9,811	7,561	49		12	7,622
14	6,354	177	65	34	6,630	7,864	182	68	26	8,140
15	8,165	193	250	61	8,669	8,664	216	264	59	9,203
16	5,674	99	123	12	5,908	4,655	76	105	13	4,849
17	4,556	186		21	4,763	4,907	145		16	5,068
18	425	10		1	436	639	20		0	659
19	4,006	96	129	10	4,241					
20						2,846	25	133	0	3,004
21	670	17		0	687	735	3		0	738
22	5,187	116	33	27	5,363	4,534	113	33	10	4,690
23			90		90			91		91
24			91		91			90		90
25						64	0		0	64
26	838	5		7	850	838	6		7	851
27	676	0		0	676	406	2		0	408
28	221	5		0	226	242	15		1	258
29	412	18		0	430	407	8		0	415
30	681	5		1	687	749	12		0	761
TOTAL	117,936	1,972	1,575	420	121,903	113,821	1,934	1,572	330	117,657

Central Business District Cordon: 2000 Summary Report

TOTAL DOWNTOWN CORDON AREA

PERSON CROSSINGS BY CORDON STATION

	------- ENTRIES --------					--------- EXITS ----------				
Station	Auto	Truck	ETS	Other Bus	Total	Auto	Truck	ETS	Other Bus	Total
1	9,698	150	8,237		18,085	10,939	138	7,426		18,503
2	1,791	37			1,828					
3	7,884	69	3,385		11,338	7,932	163	477		8,572
4	14,932	190	122		15,244	9,902	280	76		10,258
6	17,082	174	529		17,785	233	7			240
7	854	6	85		945	678	5	45		728
8						22,067	147	3,098		25,312
9	1,461	36			1,497	1,701	28			1,729
10	5,234	73			5,307	6,504	60			6,564
11	11,804	180	5,384		17,368	11,103	245	5,524		16,872
12	15,475	297	1,638		17,410	14,322	256	1,606		16,184
13	12,248	77			12,325	9,535	59			9,594
14	7,545	222	1,904		9,671	9,778	240	1,746		11,764
15	10,946	260	5,320		16,526	11,274	271	6,100		17,645
16	7,563	119	3,195		10,877	6,328	97	2,069		8,494
17	5,477	220			5,697	6,135	205			6,340
18	564	15			579	836	26			862
19	5,178	118	2,824		8,120					
20						3,730	37	2,689		6,456
21	862	20			882	736	3			739
22	7,034	150	477		7,661	5,751	138	278		6,167
23			9,344		9,344			8,568		8,568
24			5,940		5,940			6,645		6,645
25						69	0			69
26	975	9			984	1,028	10			1,038
27	746	0			746	471	3			474
28	297	7			304	329	15			344
29	573	19			592	566	8			574
30	878	8			886	977	12			989
TOTAL	147,101	2,456	48,384		197,941	142,924	2,453	46,347		191,724

Central Business District Cordon: 2000 Summary Report

A.M. PEAK HOUR (7:30 - 8:30)

VEHICLE CROSSINGS BY CORDON STATION

	ENTRIES					EXITS				
Station	Auto	Truck	ETS	Other Bus	Total	Auto	Truck	ETS	Other Bus	Total
1	1,560	6	70	3	1,639	479	9	33	0	521
2	396	4		0	400					
3	1,474	5	31	2	1,512	350	14	3	1	368
4	2,545	21	4	3	2,573	538	10		3	551
6	2,148	8	5	4	2,165	9	0		0	9
7	270	0	2	1	273	19	0		0	19
8						1,660	6	13	3	1,682
9	150	1		0	151	132	2		0	134
10	599	8		1	608	519	7		3	529
11	1,442	8	28	3	1,481	533	10	20	0	563
12	1,801	18	11	2	1,832	689	14	8	3	714
13	1,222	6		1	1,229	677	0		0	677
14	1,016	16	11	4	1,047	832	13	7	6	858
15	962	18	31	5	1,016	724	7	29	4	764
16	882	8	33	2	925	214	4	5	1	224
17	649	27		4	680	336	8		4	348
18	8	0		0	8	33	0		0	33
19	815	3	16	1	835					
20						231	1	18	0	250
21	25	1		0	26	106	0		0	106
22	953	6	4	3	966	300	5	4	1	310
23			12		12			12		12
24			12		12			12		12
25										
26	119	0		0	119	97	0		1	98
27	103	0		0	103	2	0		0	2
28	35	1		0	36	19	0		0	19
29	84	0		0	84	55	0		0	55
30	25	0		0	25	12	0		0	12
TOTAL	19,283	165	270	39	19,757	8,566	110	164	30	8,870

Central Business District Cordon: 2000 Summary Report

A.M. PEAK HOUR (7:30 - 8:30)

PERSON CROSSINGS BY CORDON STATION

	------- ENTRIES --------				--------- EXITS ----------			
Station	Auto	Truck	ETS	Total	Auto	Truck	ETS	Total
1	1,903	11	2,495	4,409	556	11	509	1,076
2	513	6		519				
3	1,594	5	1,110	2,709	396	17	23	436
4	3,002	24	122	3,148	607	12		619
6	2,573	8	248	2,829	10	0		10
7	311	0	85	396	21	0		21
8					1,991	7	192	2,190
9	167	1		168	141	2		143
10	691	8		699	585	8		593
11	1,721	10	1,225	2,956	609	12	496	1,117
12	2,113	20	452	2,585	745	17	101	863
13	1,469	7		1,476	804	0		804
14	1,200	19	370	1,589	960	15	258	1,233
15	1,286	23	722	2,031	845	8	871	1,724
16	1,164	8	1,241	2,413	245	4	17	266
17	743	29		772	385	12		397
18	11	0		11	38	0		38
19	1,019	6	513	1,538		0		
20					260	1	516	777
21	29	1		30	106	0		106
22	1,281	6	101	1,388	321	5	15	341
23			3,138	3,138			141	141
24			406	406			1,319	1,319
25								
26	139	0		139	117	0		117
27	113	0		113	2	0		2
28	56	2		58	26	0		26
29	132	0		132	66	0		66
30	34	0		34	12	0		12
TOTAL	23,264	194	12,228	35,686	9,848	131	4,458	14,437

Central Business District Cordon: 2000 Summary Report

P.M. PEAK HOUR (16:30 - 17:30)

VEHICLE CROSSINGS BY CORDON STATION

	------- ENTRIES -------					--------- EXITS ----------				
Station	Auto	Truck	ETS	Other Bus	Total	Auto	Truck	ETS	Other Bus	Total
1	687	8	35	3	733	1,928	8	52	3	1,991
2	121	1		0	122					
3	557	0	16	0	573	1,346	2	7	0	1,355
4	1,107	8		2	1,117	1,851	20	1	3	1,875
6	1,239	8	2	1	1,250	60	0		0	60
7	35	0		0	35	226	0	1	0	227
8						2,412	6	32	1	2,451
9	229	1		0	230	253	0		1	254
10	402	2		3	407	1,028	2		4	1,034
11	878	7	20	0	905	1,411	6	25	1	1,443
12	1,137	10	6	2	1,155	2,063	11	12	5	2,091
13	975	5		2	982	1,217	2		1	1,220
14	640	8	6	1	655	1,137	11	8	1	1,157
15	825	6	28	7	866	1,280	19	37	8	1,344
16	536	5	8	2	551	903	4	25	1	933
17	487	7		2	496	767	10		2	779
18	46	0		0	46	30	1		0	31
19	390	7	13	1	411					
20						557	2	16	0	575
21	118	1		0	119	33	1		0	34
22	409	5	4	1	419	864	7	4	0	875
23			10		10			12		12
24			12		12			11		11
25						43	0		0	43
26	110	0		1	111	92	0		0	92
27	83	0		0	83	85	0		0	85
28	14	0		0	14	34	0		0	34
29	33	1		0	34	62	0		0	62
30	120	1		0	121	148	0		0	148
TOTAL	11,178	91	160	28	11,457	19,830	112	243	31	20,216

Central Business District Cordon: 2000 Summary Report

P.M. PEAK HOUR (16:30 - 17:30)

PERSON CROSSINGS BY CORDON STATION

	------- ENTRIES --------				--------- EXITS ----------			
Station	Auto	Truck	ETS	Total	Auto	Truck	ETS	Total
1	823	10	563	1,396	2,476	8	1,700	4,484
2	157	2		159				
3	646	0	211	857	1,790	5	137	1,932
4	1,361	12		1,373	2,249	22	47	2,318
6	1,606	13	7	1,626	72	0		72
7	42	0		42	267	0	45	312
8					3,135	11	914	4,060
9	262	1		263	319	0		319
10	517	3		520	1,233	2		1,235
11	1,061	9	441	1,511	1,784	6	915	2,705
12	1,474	11	130	1,615	2,500	12	358	2,870
13	1,221	6		1,227	1,545	2		1,547
14	754	9	129	892	1,455	12	262	1,729
15	1,137	7	496	1,640	1,728	22	991	2,741
16	685	6	81	772	1,236	5	628	1,869
17	579	7		586	962	14		976
18	51	0		51	40	1		41
19	480	7	148	635				
20					745	3	484	1,232
21	142	2		144	33	1		34
22	550	9	39	598	1,142	8	58	1,208
23			275	275			2,110	2,110
24			902	902			476	476
25					46	0		46
26	127	0		127	109	0		109
27	89	0		89	95	0		95
28	20	0		20	53	0		53
29	43	1		44	96	0		96
30	162	1		163	196	0		196
TOTAL	13,989	116	3,422	17,527	25,306	134	9,125	34,565

Central Business District Cordon: 2000 Summary Report

VEHICLE OCCUPANCY RATES BY TIME OF DAY

Time Ending	ENTRIES Auto	Truck	ETS Bus	ETS LRT	EXITS Auto	Truck	ETS Bus	ETS LRT
730	1.21	1.28	29.7	91.1	1.16	1.19	14.3	41.0
800	1.22	1.25	37.3	171.9	1.15	1.20	21.4	84.9
830	1.19	1.13	33.0	123.4	1.15	1.19	21.4	36.8
900	1.17	1.22	25.6	117.8	1.18	1.28	20.5	48.5
930	1.19	1.25	22.6	104.8	1.20	1.19	11.9	137.2
1000	1.22	1.26	23.3	68.3	1.21	1.29	15.2	48.2
1030	1.25	1.35	21.3	76.7	1.23	1.17	13.4	70.8
1100	1.25	1.23	20.6	67.3	1.24	1.26	15.0	80.8
1130	1.26	1.23	19.0	77.0	1.26	1.36	15.9	63.2
1200	1.27	1.15	19.5	64.3	1.29	1.35	17.9	56.8
1230	1.29	1.27	20.4	80.3	1.28	1.21	21.8	91.2
1300	1.31	1.19	19.9	67.0	1.28	1.25	20.9	82.0
1330	1.31	1.27	18.4	91.7	1.28	1.35	18.1	76.3
1400	1.28	1.25	16.1	67.0	1.27	1.39	21.6	83.0
1430	1.28	1.35	20.7	110.3	1.28	1.28	25.9	111.8
1500	1.30	1.33	17.3	72.5	1.31	1.24	20.9	98.5
1530	1.27	1.18	27.1	72.5	1.29	1.29	23.3	90.0
1600	1.27	1.22	24.4	52.2	1.28	1.29	28.2	105.3
1630	1.24	1.14	19.0	61.2	1.27	1.28	29.4	120.8
1700	1.25	1.20	17.1	54.0	1.28	1.19	32.2	121.4
1730	1.25	1.33	15.3	52.9	1.28	1.21	26.6	102.6
1800	1.28	1.22	15.8	75.2	1.26	1.34	22.3	95.0
AVG.	1.25	1.25	23.7	84.4	1.26	1.27	22.4	84.0